

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 24, 2004, 11:15:34 ; Search time 66 Seconds
(without alignments)
4624.591 Million cell updates/sec

Title: US-09-017-715A-1

Perfect score: 550

Sequence: 1 CACGAGCCACCATGATGTTT.....TGGCTGTCCACTGTGCTG 550

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 segs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents NA: *
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	550	100.0	550	3	US-08-705-771-1
2	550	100.0	550	4	US-09-417-540-1
3	435	79.1	786	5	PCT-US95-08295-1
4	144	26.2	1560	5	PCT-US94-09789-1
5	89.2	16.2	419	4	US-09-621-976-609
6	83.2	15.1	7218	1	US-08-232-463-14
7	58.8	10.7	1926	4	US-09-249-585A-14
8	58.8	10.7	1931	2	US-09-130-114-2
9	50.4	9.2	124884	4	US-09-661-596A-76
10	50.4	9.2	124884	4	US-09-913-514-1
11	50	9.1	306	4	US-09-913-514-32
12	48.2	8.8	2233	1	US-08-145-705A-1
13	45.8	8.3	1296	4	US-09-252-991A-10463
14	45.8	8.3	2106	4	US-09-252-991A-10369
15	45	8.2	2481	4	US-09-894-998A-35
16	44	8.0	771	4	US-09-252-991A-7963
17	44	8.0	1431	4	US-09-252-991A-7821
18	44	8.0	1686	4	US-09-252-991A-7516
19	44	8.0	2046	4	US-09-252-991A-7588
20	44	8.0	2277	1	US-08-676-967-5
21	44	8.0	2277	1	US-08-676-974-5
22	44	8.0	2277	2	US-09-098-487-5
23	43.6	7.9	1505	1	US-07-915-246-1
24	43	7.8	324	4	US-09-547-693-234
25	43	7.8	1974	4	US-09-252-991A-10787
26	43	7.8	125157	4	US-09-913-514-2
27	42.8	7.8	1320	2	US-08-461-775-8

28	42.8	7.8	1320	3	US-09-031-606-8	Sequence 8, Appli
29	42.8	7.8	1620	2	US-08-461-775-10	Sequence 10, Appl
30	42.8	7.8	1620	3	US-09-031-606-10	Sequence 10, Appl
31	42.8	7.8	2167	2	US-08-461-775-9	Sequence 9, Appli
32	42.8	7.8	2167	3	US-09-031-606-9	Sequence 9, Appli
33	42.8	7.8	2668	2	US-08-461-775-11	Sequence 11, Appl
34	42.8	7.8	2668	3	US-09-031-606-11	Sequence 11, Appl
35	42.8	7.8	3489	2	US-08-728-323A-1	Sequence 1, Appli
36	42.8	7.8	3489	4	US-09-298-568-1	Sequence 1, Appli
37	42.8	7.8	3489	4	US-09-410-399-1	Sequence 20, Appl
38	42.8	7.8	32207	2	US-08-770-379-20	Sequence 20, Appl
39	42.8	7.8	32207	3	US-08-757-669A-20	Sequence 20, Appl
40	42.8	7.8	33207	4	US-09-230-371A-20	Sequence 20, Appl
41	42.2	7.7	2040	2	US-08-533-669A-5	Sequence 5, Appli
42	42.2	7.7	2040	4	US-09-183-861-5	Sequence 5, Appli
43	42.2	7.7	2040	4	US-09-022-765-5	Sequence 5, Appli
44	42.2	7.7	2040	4	US-09-551-974A-5	Sequence 5, Appli
45	42.2	7.7	2040	4	US-09-565-501A-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-08-705-771-1
Sequence 1, Application US/08705771
Patent No. 6054289
GENERAL INFORMATION:
APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
APPLICANT: Jian Ni and Jing-Shan Hu
TITLE OF INVENTION: Human Genes, Sequences and
TITLE OF INVENTION: Expression Products
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08705,771
FILING DATE: August 30, 1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MULINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-346 (Pf196)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1744
TELEFAX: 973-994-1744
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 550 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-705-771-1
Query Match 100.0%; Score 550; DB 3; Length 550;
Best Local Similarity 100.0%; Pred. No. 6,7e-127;
Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 CACGAGCCACCATGATGTTTCAAGAGGCGCTTCATGCCAAGAGGCGGTGG 60
1 CACGAGCCACCATGATGTTTCAAGAGGCGCTTCATGCCAAGAGGCGGTGG 60

QY 61 GTCCGCTGAAAAAGCAAGAGGAGGAGTACGAGACACCTGAGAAAGCAAGAGAGGAG 120
 DB 61 GTCCGCTGAAAAAGCAAGAGGAGGAGTACGAGACACCTGAGAAAGCAAGAGAGGAG 120
 QY 121 TCATGATATGTGGAGCCAAAGACCAAGAGAAATGTTAGACAGCGTACCTGATAGTGGCCG 180
 DB 121 TCATGATATGTGGAGCCAAAGACCAAGAGAAATGTTAGACAGCGTACCTGATAGTGGCCG 180
 QY 181 AGAAGACCAAGAGAGGAGCCAAAGCGCTGAGACAGGCTGTGTGAGACAGCTCAACACTG 240
 DB 181 AGAAGACCAAGAGAGGAGCCAAAGCGCTGAGACAGGCTGTGTGAGACAGCTCAACACTG 240
 QY 241 TGGCCCAACCAAGACCGTGGAGAGAGCGGAGAACTCCCGGTCACTCCCGGGGTGTGGCGCA 300
 DB 241 TGGCCCAACCAAGACCGTGGAGAGAGCGGAGAACTCCCGGTCACTCCCGGGGTGTGGCGCA 300
 QY 301 AGAGAGACTTGAAGGACATCTGCCCCCAAGAGAGGAGTGAAGCATCCAAAGAGAAAGAG 360
 DB 301 AGAGAGACTTGAAGGACATCTGCCCCCAAGAGAGGAGTGAAGCATCCAAAGAGAAAGAG 360
 QY 361 AAGTGCAGAGAGAGGAGCCCAAGAGTGGAGAGACTAGAGGCTACAGGCCAGCGTGAATGAC 420
 DB 361 AAGTGCAGAGAGAGGAGCCCAAGAGTGGAGAGACTAGAGGCTACAGGCCAGCGTGAATGAC 420
 QY 421 CTGAAGAGGCTCTCTGCTTGGACACCACTCCCTCTTACGACCAAGAGAGTGGCCGCTT 480
 DB 421 CTGAAGAGGCTCTCTGCTTGGACACCACTCCCTCTTACGACCAAGAGAGTGGCCGCTT 480
 QY 481 GAGTGACATGCGGGGTGCCCAAGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCTGTCTC 540
 DB 481 GAGTGACATGCGGGGTGCCCAAGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCTGTCTC 540
 QY 541 ACCTGTGCTG 550
 DB 541 ACCTGTGCTG 550

RESULT 2

US-09-417-540-1
 Sequence 1, Application US/09417540
 Patent No. 6639052

GENERAL INFORMATION:

APPLICANT: Paul Moore, Reiner Genz, Hongjin Ji,
 Jia N1 and Jing-Shan Hu

TITLE OF INVENTION: Human Genes, Sequences and
 Expression Products

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: CECCHI, STEWART & OLSTEIN,

STREET: 6 BECKER FARM ROAD

CITY: ROSELAND

STATE: NEW JERSEY

COUNTRY: USA

ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE

OPERATING SYSTEM: MS-DOS

SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION NUMBER: US/09/417,540

FILING DATE: 14-Oct-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/705,771

FILING DATE: August 30, 1996

ATTORNEY/AGENT INFORMATION:

NAME: MULLINS, J.G.

REGISTRATION NUMBER: 33,073

REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)

TELECOMMUNICATION INFORMATION:

TELEPHONE: 973-994-1700
 TELEFAX: 973-994-1744
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 550 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-417-540-1

Query Match 100.0%; Score 550; DB 4; Length 550;
 Best Local Similarity 100.0%; Pred. No. 6,7e-127;
 Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CACGAGCCACCATGAGTGTTCANAGAAAGGCTTCTCATGCGCAAGAGAGGCGGTGTG 60
 DB 1 CACGAGCCACCATGAGTGTTCANAGAAAGGCTTCTCATGCGCCAAAGAGAGGCGGTGTG 60
 QY 61 GTCCGCTGAAAAAGCAAGAGGAGGAGTACGAGACACCTGAGAAAGCAAGAGAGGAG 120
 DB 61 GTCCGCTGAAAAAGCAAGAGGAGGAGTACGAGACACCTGAGAAAGCAAGAGAGGAG 120
 QY 121 TCATGATATGTGGAGCCAAAGACCAAGAGAAATGTTAGACAGCGTACCTGATAGTGGCCG 180
 DB 121 TCATGATATGTGGAGCCAAAGACCAAGAGAAATGTTAGACAGCGTACCTGATAGTGGCCG 180
 QY 181 AGAAGACCAAGAGAGGAGCCCAAGAGTGGAGAGACTAGAGGCTACAGGCCAGCGTGAATGAC 240
 DB 181 AGAAGACCAAGAGAGGAGCCCAAGAGTGGAGAGACTAGAGGCTACAGGCCAGCGTGAATGAC 240
 QY 241 TGGCCCAACCAAGACCGTGGAGAGAGCGGAGAACTCCCGGTCACTCCCGGGGTGTGGCGCA 300
 DB 241 TGGCCCAACCAAGACCGTGGAGAGAGCGGAGAACTCCCGGTCACTCCCGGGGTGTGGCGCA 300
 QY 301 AGAGAGACTTGAAGGACATCTGCCCCCAAGAGAGGAGTGAAGCATCCAAAGAGAAAGAG 360
 DB 301 AGAGAGACTTGAAGGACATCTGCCCCCAAGAGAGGAGTGAAGCATCCAAAGAGAAAGAG 360
 QY 361 AAGTGCAGAGAGAGGAGCCCAAGAGTGGAGAGACTAGAGGCTACAGGCCAGCGTGAATGAC 420
 DB 361 AAGTGCAGAGAGAGGAGCCCAAGAGTGGAGAGACTAGAGGCTACAGGCCAGCGTGAATGAC 420
 QY 421 CTGAAGAGGCTCTCTGCTTGGACACCACTCCCTCTTACGACCAAGAGAGTGGCCGCTT 480
 DB 421 CTGAAGAGGCTCTCTGCTTGGACACCACTCCCTCTTACGACCAAGAGAGTGGCCGCTT 480
 QY 481 GAGTGACATGCGGGGTGCCCAAGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCTGTCTC 540
 DB 481 GAGTGACATGCGGGGTGCCCAAGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCTGTCTC 540
 QY 541 ACCTGTGCTG 550
 DB 541 ACCTGTGCTG 550

RESULT 3

PCT-US95-08295-1

Sequence 1, Application PC/TUS9508295

GENERAL INFORMATION:

APPLICANT: BREAST SPECIFIC GENES AND PROTEINS

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 30

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/08295

FILING DATE: 30-JUN-1995

CLASSIFICATION:

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 786 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 PCT-US95-08295-1

Query Match 79.1%; Score 435; DB 5; Length 786;
 Best Local Similarity 89.9%; Pred. No. 1.8e-98;
 Matches 501; Conservative 27; Mismatches 17; Indels 12; Gaps 6;

QY 5 AGCCACCATGATGTTTCAAGAGGCTTCCATCCGCAAGAGGGGTGGTGC 64
 DB 88 ACCACCATGATGTTTCAAGAGGCTTCCATCCGCAAGAGGGGTGGTGC 147
 QY 65 GGTGAAAAAGACCAAGAGGGGTGAAGAGAGCTGAGAGCAAGAGGGGTGCAT 124
 DB 148 GGTGAAAAAGACCAAGAGGGGTGAAGAGAGCTGAGAGCAAGAGGGGTGCAT 207
 QY 125 GTATGTGGAGCCAAAGCAAGAGAGATG---TGTACAGAGCGTACCTGAGTGC 180
 DB 208 GTATGTGGAGCCAAAGCAAGAGAGATG---TGTACAGAGCGTACCTGAGTGC 267
 QY 181 AGAAGACCAAG 240
 DB 268 AGAAGACCAAG 327
 QY 241 TGGCACCACCAAG 300
 DB 328 TGGCACCACCAAG 387
 QY 301 AGAGAGACTTGAAGCCATGCCCCCAACAGAGAGAGAGAGAGAGAGAGAGAGAG 359
 DB 388 AGAGAGACTTGAAGCCATGCCCCCAACAGAGAGAGAGAGAGAGAGAGAGAGAG 446
 QY 360 GAAATGGCAG 419
 DB 447 SAAGAGCCARAKRGGMSGAGAGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAG 506
 QY 420 CCTGAAGAGCGCTCCTGCTT-GGACACCATCCCTCTAGACCAAGAGAGAGAGAG 478
 DB 507 CCTGAAGAGCGCTCCTGCTTGGACACCATCCCTCTAGACCAAGAGAGAGAGAG 566
 QY 479 TTGAGT---ACATGCGGGTGGCCACGCTGCTGCTGCT--CCCTGAGACCTTTG 533
 DB 567 TTGAGTGGACATGCGGCTGCTCCMACGTTCCCTGCTGCTGCTGCTGCTGCTG 626
 QY 534 CCTGTCCACTGTGCTG 550
 DB 627 CCTGTCCACTGTGCTG 643

RESULT 4
 PCT-US94-09789-1

Sequence 1, Application PC/TUS9409789
 GENERAL INFORMATION:
 APPLICANT: The Regents of the University of California
 TITLE OF INVENTION: NOVEL COMPONENT OF AMYLOID IN
 TITLE OF INVENTION: ALZHEIMER'S DISEASE AND METHODS FOR USE OF SAME
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Spensley Horn Jubas & Lubitz
 STREET: 1880 Century Park East - Suite 500
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90067
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/09789
 FILING DATE: 29-AUG-1994
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Howell, Stacy L.
 REGISTRATION NUMBER: 34,842
 REFERENCE/DOCKET NUMBER: FD-3520
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (619) 455-5100
 TELEFAX: (619) 455-5110
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1560 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 IMMEDIATE SOURCE:
 CLONE: cDNA for NACP
 FEATURE:
 NAME/KEY: misc RNA
 LOCATION: 1..1560
 PCT-US94-09789-1

Query Match 26.2%; Score 144; DB 5; Length 1560;
 Best Local Similarity 67.1%; Pred. No. 1.4e-26;
 Matches 204; Conservative 0; Mismatches 100; Indels 0; Gaps 0;

QY 10 CCATGATGTTTCAAGAGGCTTCCATCCGCAAGAGGGGTGGTGGGAGG 69
 DB 51 CCATGATGTTTCAAGAGGCTTCCATCCGCAAGAGGGGTGGTGGGAGG 110
 QY 70 AAAAGACCAAG 129
 DB 111 AAAAGACCAAG 170
 QY 130 TGGAGCCAAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 189
 DB 171 TGGAGCCAAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 230
 QY 190 AGAGACAGCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 249
 DB 221 AAGACCAAGTGAACAATGTTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 290
 QY 250 AGACCGTGAAG 309
 DB 291 AGACAGTGAAG 350
 QY 310 TGAG 313
 DB 351 TGAG 354

RESULT 5

US-09-621-976-609
 Sequence 609, Application US/09621976
 Patent No. 6639063
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Jober, S.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 FILE REFERENCE: GENSET.054PR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SOFTWARE: Patent.pm
 SEQ ID NO 609
 LENGTH: 419
 TYPE: DNA
 ORGANISM: Homo sapiens

FEATURE:
 NAME/KEY: CDS
 LOCATION: 256..417
 NAME/KEY: misc_feature
 LOCATION: 100
 OTHER INFORMATION: n=a, 9, c or t
 US-09-621-976-609

Query Match 16.2%; Score 89.2; DB 4; Length 419;
 Best Local Similarity 79.1%; Pred. No. 3.3e-13;
 Matches 106; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 6 GCCACATGATGTTTCAAGAGGGCTTCATGCGCAAGAGGGCGTGGGGCG 65
 DB 250 GCCAGATGACGTGTTCAATGAGGCTCTGTCATGCGCAAGAGGGCGTGGGAGCC 309
 QY 66 GTGAAAAGACCAAGCAGGGGGTGCAGAGCAGCTGAGAGACCAAGAGGGGGTCTATG 125
 DB 310 GCGGAGAAAACCAAGCAGGGGGTGCAGAGGCGCGGAGAAAGACCAAGAGGGGGTCTCTC 369
 QY 126 TATGTGGAGCCAA 139
 DB 370 TACGTGGAAGCAA 383

RESULT 6

US-08-232-463-14/c
 Sequence 14, Application US/08232463
 Patent No. 5670367

GENERAL INFORMATION:
 APPLICANT: DORNER, F.
 APPLICANT: SCHEIFLINGER, F.
 APPLICANT: PALKNER, F. G.
 TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
 NUMBER OF SEQUENCES: 52
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 1800 diagonal Road, Suite 500
 City: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22313-0299

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/232,463
 FILING DATE:
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/935,313
 FILING DATE:
 APPLICATION NUMBER: EP 91 114 300.6
 FILING DATE: 26-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: BENT, Stephen A.
 REGISTRATION NUMBER: 29,768
 REFERENCE/DOCKET NUMBER: 30472/114 IMMU

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-9300
 TELEFAX: (703) 683-4109
 TELEX: 899149

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 LENGTH: 7218 base pairs

TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

IMMEDIATE SOURCE:
 CLONE: pTZapc-P18

US-08-232-463-14

Query Match 15.1%; Score 83.2; DB 1; Length 7218;
 Best Local Similarity 3.4%; Pred. No. 2.2e-11;
 Matches 13; Conservative 243; Mismatches 126; Indels 0; Gaps 0;

QY 45 AAGAAGGGCGTGTGGTGCCTGCGTGAAGAAAGACCAAGAGGGGGTACGGAACACTGAG 104
 DB 1424 RRR 1365
 QY 105 AAGACCAAGAGAGGGGTCTATGTATGTGGAGCAAGACCAAGAGAAATGTTTACAGAC 164
 DB 1364 RRR 1305
 QY 165 GTGACCTCATGTCGCGGAGAGACCAAGAGAGCCCAAGCGCTGAGCAGGCTGTG 224
 DB 1304 RRR 1245
 QY 225 AGCAGCTCAACACTGTGCGCAAGAACCGTGGAGAGGGCGGAGAACATCGCGTCAAC 284
 DB 1244 RRR 1185
 QY 285 TCCGGGTGTGCGCAGAGAGACTTGAAGCCATCTGCCCCCAAGAGAGGTGAGCA 344
 DB 1184 RRR 1125
 QY 345 TCCAAAGAGAAAGAGAGAGTGCAGAGAGGCCCAAGTGGGGAGACTAGAGGCTACA 404
 DB 1124 RRR 1065
 QY 405 GGCACGCTGATGACTGTAAG 426
 DB 1064 CGCAAGCTCCCTCGACTGCAAG 1043

RESULT 7

US-09-249-585A-4/c
 Sequence 4, Application US/09249585A
 Patent No. 6417002

GENERAL INFORMATION:
 APPLICANT: Horlick, Robert
 TITLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISOMES
 FILE REFERENCE: 0867/0D905
 CURRENT APPLICATION NUMBER: US/09/249,585A
 CURRENT FILING DATE: 1999-02-11
 NUMBER OF SEQ ID NOS: 18
 SOFTWARE: Patentin version 3.0

SEQ ID NO 4
 LENGTH: 1926
 TYPE: DNA
 ORGANISM: Epstein Barr Virus
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(1926)
 OTHER INFORMATION: template strand of EBNA-1 DNA
 US-09-249-585A-4

Query Match 10.7%; Score 58.8; DB 4; Length 1926;
 Best Local Similarity 47.8%; Pred. No. 1.6e-05;
 Matches 171; Conservative 0; Mismatches 187; Indels 0; Gaps 0;

QY 42 GCCAAGAGGGCGTGTGGTGCCTGCGTGAAGAAAGCAAGCAGGGGGTACGGAAGCAGCT 101
 DB 790 GACGAGACGGGGAGAGACGGGAGAGACGAGGAGGAGACGGGAGAGAGAGAGAGCGG 731
 QY 102 GAGAAGACCAAGAGGGGGTCTATGTGGAGCCCAAGACCAAGAGAAATGTTGTACAG 161
 DB 730 GAGGACGAGACGGGGAGAGACGAGGACGGGAGAGACGAGGAGAGAGAGAGAGAGAG 671
 QY 162 AGCTGACCTCATGTGCGGAGAGACCAAGAGAGAGCCCAAGCGCTGAGAGAGGCTGTG 221
 DB 670 GGGGAG 611
 QY 222 GTGAGAGAGCTCAACACTGTGCGCAAGAACCGTGGAGAGGGCGGAGAAACATCGCGTCT 281

Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 PRIOR FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 10463
 TYPE: DNA
 LENGTH: 1296
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-10463

Query Match 8.3%; Score 45.8; DB 4; Length 1296;
 Best Local Similarity 43.1%; Pred. No. 0.023;
 Matches 221; Conservative 0; Mismatches 292; Indels 0; Gaps 0;

23 CAAGAAGGCTTCTCCATCGCCAGAAAGGCGTGTGGGTGCGTGAAGAAAGCCAAAGA 82
 528 CAAGCAGCGATCATCTGTATCAAGGCACTTCGCGCTGTCCAGAGATGAGATCCAGCA 469
 83 GGGGGTGAAGGAGCAGCTGAGAAAGCAAGAGAGGGGTCTATGTATGTGGAGCCAAAGC 142
 468 GATGATCCGCGATGCGGAGCGGAGCGGAGGAGCGCAAGTTGAGAGAACTGGCTGC 409
 143 CAAGAGAAATTTTATCAAGAGCGTGACTTCAGTGGCGGAGAAAGCAAGAGAGCCCAA 202
 408 CGCTGCAACCAAGGCGAGCGCTGTCTCAGCGAACCCCAAGATGATCAGCGAGCGCG 349
 203 GCGCGTGAAGAGCGGTGTGTGAGCAGCGTCAACCTGTGGCCAAAGCCGAGAGGA 262
 348 CAGCAAGGCCACCGCGGAGGAGCAAGCGGCACTCGAAGAGCGCTGGGCGAGCTGGAAC 289
 263 GCGGAGAGCAATCGCGTCACTCCGGGGTGTGTGCGCAAGAGAGACTTGAAGCCATCTGC 322
 288 GCGGAGAGAGGCGAGCAAGAGGCGGAGTCAAGGCGCAAGATGAAGCGCTGTCTCCAGGC 229
 323 CCCCCAAGAGAGGTGAGGCAATCCAAAGAAAGAGAGTGGCAGAGAGGCCCAAG 382
 228 TTCCACCCCGTGTGCGCAGAAAGATGTACCGCAACAGGCCCAAGAGGCGGAGAGCTCC 169
 363 TGGGGAGAGCTAGAGGCGTCAAGCGCGAGGTGATGACTGAAGAGCGTCTCTGCGCTT 442
 168 CAGGCGCAGAGGCGGAGGCGGCTGAGCAGCGGTGTGACGCCCGGATTGAAGAGGTCAA 109
 443 GAGACACATCCCTCTCTAGCACAAGAGAGTCCGCTTGAAGTGAATGCGGGTGCACAG 502
 108 GAGCAACAAGTAAAGCCCGGCTTGTCTTCCGCCGCGTCCGAGGCGGATGACGAG 49
 503 CTCCTGCTCTCTCTCTCTGACACCCCTTGGCC 535
 48 ATCCGCCACGCGGAGCGCTGTCCGCGCTTGGC 16

RESULT 14
 US-09-252-991A-10369/c
 Sequence 10369, Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 10369
 LENGTH: 2106
 TYPE: DNA
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-10369

Query Match 8.3%; Score 45.8; DB 4; Length 2106;
 Best Local Similarity 43.1%; Pred. No. 0.026;
 Matches 221; Conservative 0; Mismatches 292; Indels 0; Gaps 0;

23 CAAGAAGGCTTCTCCATCGCCAGAAAGGCGTGTGGGTGCGTGAAGAAAGCCAAAGA 82
 565 CAAGCAGCGATCATCTGTATCAAGGCACTTCGCGCTGTCCAGAGATGAGATCCAGCA 506
 83 GGGGGTGAAGGAGCAGCTGAGAAAGCAAGAGAGGGGTCTATGTATGTGGAGCCAAAGC 142
 505 GATGATCCGCGATGCGGAGCGGAGCGGAGGAGCGCAAGTTGAGAGAACTGGCTGC 446
 143 CAAGAGAAATTTTATCAAGAGCGTGACTTCAGTGGCGGAGAAAGCAAGAGAGCCCAA 202
 445 CGCTGCAACCAAGGCGAGCGCTGTCTCAGCGAACCCCAAGATGATCAGCGAGCGGG 386
 203 GCGCGTGAAGAGCGTGTGTGAGCAGCGTCAACCTGTGGCCGAGAAAGCCGAGAGGA 262
 385 CAGCAAGGCCACCGCGGAGGAGCAAGCGGCACTCGAAGAGGCGCTGGGCGAGCTGGAAC 326
 263 GCGGAGAGCAATCGCGTCACTCCGGGGTGTGTGCGCAAGAGAGACTTGAAGCCATCTGC 322
 325 GCGGAGAGAGGCGAGCAAGAGCGGAGTCAAGGCCAAGATGAAGCGCTGTCTCCAGGC 266
 323 CCCCCAAGAGAGGTGAGGCAATCCAAAGAAAGAGAGTGGCAGAGAGGCCCAAG 382
 265 TTCCACCCCGTGTGCGCAGAAAGATGTACCGGCAAGCGGCCAGAGAGGCGGAGAGCTCC 206
 383 TGGGGAGAGCTAGAGGCGTCAAGCGCGAGGTGATGACTGAAGAGCGCTCTCTGCGCTT 442
 205 CAGGCGCAGAGGCGGAGGAGCGCTGAGCAGCGGTGTGACGCCCGGATTGAAGAGGTCAA 146
 443 GAGACACATCCCTCTCTAGCACAAGAGAGTCCGCTTGAAGTGAATGCGGGTGCACAG 502
 145 GAGCAACAAGTAAAGCCCGGCTTGTCTTCCGCCGCGTCCGAGGCGGATGACGATG 86
 503 CTCCTGCTCTCTCTCTCTGACACCCCTTGGCC 535
 85 ATCCGCCACGCGGAGCGCTGTCCGCGCTTGGC 53

RESULT 15
 US-09-894-998A-35/c
 Sequence 35, Application US/09894998A
 Patent No. 6537555
 GENERAL INFORMATION:
 APPLICANT: Hosken, Nancy Ann
 APPLICANT: Craig H. Day
 APPLICANT: Davin C. Dillon
 APPLICANT: McGowan, Patrick
 APPLICANT: Sleath, Paul R.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
 TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION
 FILE REFERENCE: 210121.538
 CURRENT APPLICATION NUMBER: US/09/894,998A
 CURRENT FILING DATE: 2001-06-28
 NUMBER OF SEQ ID NOS: 64
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 35
 LENGTH: 2481
 TYPE: DNA
 ORGANISM: HSV-2
 US-09-894-998A-35

Query Match 8.2%; Score 45; DB 4; Length 2481;
Best Local Similarity 45.2%; Pred. No. 0.044;
Matches 165; Conservative 0; Mismatches 200; Indels 0; Gaps 0;

Qy	80	GCAGGGGGTGACCGAAGCAGCTTGAAAGACCAAGAGGGGGTCATGTATGTGGAGCCAA	139
Db	1872	GGAGGAGAGAGAGCGCGAGAGAGAGAGCGAGAGAGAGAGAGCGGAGAGAGAGAGGC	1813
Qy	140	GACCAAGAGAGATGTTGTACAGAGCCGTGACCTCATGTGGCCGAGAGAGCAAGAGCAGGC	199
Db	1812	GGAGAGAGAGAGCGCGAGAGAGAGAGCGAGAGAGAGAGAGCGCGGCGACCGCGGC	1753
Qy	200	CAAGGCCGTGAGCAAGCGCTGTGTGAGCAAGCTCAACTGTGAGCCACCAAGACCGGTGA	259
Db	1752	CTGGGACGACGAGAGCGCGAGCGGGGGCGGGCGCCCGGAGCGCGGGCGAGCGGGCC	1693
Qy	260	GGAGGCGAGAGACATCGCGGTCACTTCGGGGGTGTGCGCAAGAGAGACTTGAAGCCATC	319
Db	1692	GTGGCGCGGTCCGCCGAGTCCGAGTCCGGGGCCCGCGCGCGCCCTCTTGGCCCC	1633
Qy	320	TGCCCCCAACAGAGGGGTGAGGATCCAAAGAAAGAGAGAGAGAGAGGCCA	379
Db	1632	CATCCCCCTGGGGGGCGAGGGGCGAGCGCGGGCGCGAGAGAGAGCGGAGGACGAGGC	1573
Qy	380	GAGTGGGGAGACTAGAGGGCTACAGGCCAGCGTGAATGACTGAAGAGCGCTCTCTGC	439
Db	1572	CGCGGGGCCGAGTCCGAGCCCGGCGCTTTCGGGGGGCGGGCCGCCCTCCGCGGC	1513
Qy	440	CTTGG 444	
Db	1512	GTGGG 1508	

Search completed: May 24, 2004, 12:19:38
Job time : 68 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 24, 2004, 12:11:40 ; Search time 293 Seconds
(without alignments)
8531.059 Million cell updates/sec

Title: US-09-017-715A-1

Sequence: 1 CACGAGCCACCATGATGTT.....TGCGCTTCACCTGCTGCTG 550

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2953838 seqs, 2272363821 residues

Total number of hits satisfying chosen parameters: 5907676

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database:

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_NEW_PUB.seq.*
- 12: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*
- 13: /cgn2_6/ptodata/1/pubpna/US09C_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/1/pubpna/US10C_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	550	100.0	550	9	US-10-954-531-613
2	550	100.0	550	16	US-10-453-478-1
3	537.6	97.7	796	13	US-09-925-298-171
4	537.6	97.7	796	15	US-10-102-806-171
5	535.4	97.3	720	13	US-10-282-174-469
6	531.6	96.7	720	15	US-10-097-340-297
7	435	79.1	786	15	US-10-267-849-1
8	428.2	77.9	479	10	US-09-918-995-2705
9	246.8	44.9	478	13	US-09-925-298-172
10	246.8	44.9	478	15	US-10-102-806-172
11	175	31.8	5666	13	US-10-282-174-73
12	174.8	31.8	5666	13	US-10-282-174-72
13	162.4	29.5	6012	13	US-10-282-174-483
14	161.2	29.3	4606	13	US-10-240-425-388

15	148.8	27.1	1018	12	US-10-152-319A-1710	Sequence 1710, Ap
16	147.2	26.8	441	9	US-09-960-352-12619	Sequence 12619, A
17	147.2	26.8	453	9	US-09-960-352-5029	Sequence 5029, Ap
18	145.4	26.4	1096	10	US-09-921-406C-35	Sequence 35, Appl
19	145.2	26.4	1105	13	US-10-223-978-10	Sequence 10, Appl
20	144	26.2	755	13	US-10-112-944-11	Sequence 11, Appl
21	144	26.2	1466	15	US-10-101-510-362	Sequence 362, App
22	142	25.8	423	15	US-10-077-584-1	Sequence 1, Appl
23	132.8	24.1	521	15	US-10-029-386-9757	Sequence 9757, Ap
24	132.4	24.1	689	13	US-10-027-632-134044	Sequence 134044, A
25	132.4	24.1	689	16	US-10-027-632-134043	Sequence 134043, A
26	131.2	23.9	689	16	US-10-027-632-134043	Sequence 134043, A
27	131.2	23.9	689	16	US-10-029-386-23457	Sequence 23457, A
28	129.8	23.6	137	15	US-10-029-386-23457	Sequence 262, App
29	128.8	23.4	520	13	US-09-823-245A-262	Sequence 12096, A
30	124.2	22.6	502	15	US-10-029-386-12096	Sequence 26796, A
31	122.8	22.3	132	15	US-10-029-386-25796	Sequence 1978, Ap
32	120.6	21.9	424	9	US-09-960-352-1978	Sequence 1217, Ap
33	120.2	21.9	249	9	US-09-954-531-1217	Sequence 1705, Ap
34	96.4	17.5	5883	15	US-10-311-455-1705	Sequence 3169, Ap
35	96	17.5	393	9	US-09-960-352-3369	Sequence 1832, Ap
36	84.8	15.4	473	10	US-09-918-995-1832	Sequence 15264, A
37	77	14.0	456	10	US-09-918-995-26977	Sequence 21313, A
38	73.2	13.3	555	9	US-09-864-761-15264	Sequence 21313, A
39	65.8	12.0	361	13	US-10-085-783A-21313	Sequence 21313, A
40	65.8	12.0	361	16	US-10-242-535A-21313	Sequence 12703, A
41	55.6	10.1	500	15	US-10-029-386-12703	Sequence 13112, A
42	55.6	10.1	534	9	US-09-864-761-13112	Sequence 26403, A
43	54.6	9.9	154	15	US-10-029-386-26403	Sequence 31786, A
44	54.2	9.9	94	9	US-09-864-761-31786	Sequence 1706, Ap
45	54	9.8	5883	15	US-10-311-455-1706	

ALIGNMENTS

RESULT 1
US-09-954-531-613
Sequence 613, Application US/09954531
Patent No. US20020165180A1
GENERAL INFORMATION:
APPLICANT: Weaver, Zoe
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cance
FILE REFERENCE: 689290-77
CURRENT APPLICATION NUMBER: US/09/954,531
CURRENT FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: US/60/233,133
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/60/234,009
PRIOR FILING DATE: 2000-09-20
PRIOR APPLICATION NUMBER: US/60/234,034
PRIOR FILING DATE: 2000-09-20
PRIOR APPLICATION NUMBER: US/60/234,509
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US/60/234,567
PRIOR FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 1392
SOFTWARE: PatentIn version 3.0
SEQ ID NO 613
LENGTH: 550
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-531-613

Query Match 100.0% Score 550; DB 9; Length 550;
Best Local Similarity 100.0%; Pred. No 5.7e-146;
Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CACGAGCCACCATGATGTTTTCAGAGAGGCTTCTCCATGCCAAGAGGGCGTGTGG 60
DB 1 CACGAGCCACCATGATGTTTTCAGAGAGGCTTCTCCATGCCAAGAGGGCGTGTGG 60

LENGTH: 796
TYPE: DNA
ORGANISM: Homo sapiens
US-09-925-298-171

Query Match 97.7%; Score 537.6; DB 13; Length 796;
Best Local Similarity 98.9%; Pred. No. 1.9e-142;
Matches 540; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

```
QY 5 AGCCACCATGATGTTTTCAGAAAGGGCTTCCATCCGCAAGAAAGGGGTGGTGC 64
DB 102 ACCCAACCATGATGTTTTCAGAAAGGGCTTCCATCCGCAAGAAAGGGGTGGTGC 161
QY 65 GGTGAAAAAGACCAAGAGGGGGTGAACGAGAGCTTGAAAGACCAAGAGGGGGTCA 124
DB 162 GGTGAAAAAGACCAAGAGGGGGTGAACGAGAGCTTGAAAGACCAAGAGGGGGTCA 221
QY 125 GTATGTGGAGGCAAGACCAAGAAATGTTTACAGAGCGTGACCTCACTGCGAGAA 184
DB 222 GTATGTGGAGGCAAGACCAAGAAATGTTTACAGAGCGTGACCTCACTGCGAGAA 281
QY 185 GACCAAGAGCAGGCGCAAGCGCGTGAGCAAGGCTGTGAGCAAGCGTCAACACTGTGC 244
DB 282 GACCAAGAGCAGGCGCAAGCGCGTGAGCAAGGCTGTGAGCAAGCGTCAACACTGTGC 341
QY 245 CACCAAGACCGTGAGAGAGGCGGAGAACATCGCGGTCACTCCGCGGTGTGCGCAAG 304
DB 342 CACCAAGACCGTGAGAGAGGCGGAGAACATCGCGGTCACTCCGCGGTGTGCGCAAG 401
QY 305 GCACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGGATCCAAAGAGAGGAAGT 364
DB 402 GCACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGGATCCAAAGAGAGGAAGT 461
QY 365 GGCAGAGAGGCGCCAGAGTGGGGAGACTAGAGGGCTACAGGCGCAAGCTGTA 424
DB 462 GGCAGAGAGGCGCCAGAGTGGGGAGACTAGAGGGCTACAGGCGCAAGCTGTA 521
QY 425 AGAGGCTCTCTGCTTGAGACCAATCCCTCTTACAGCAAGAGAGTCCCGCTTGA 484
DB 522 AGAGGCTCTCTGCTTGAGACCAATCCCTCTTACAGCAAGAGAGTCCCGCTTGA 581
QY 485 GACATGCGGGGTGCCACGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCGTCAACT 544
DB 582 GACATGCGGGGTGCCACGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCGTCAACT 641
QY 545 GTGCTG 550
DB 642 GTGCTG 647
```

RESULT 4
US-10-102-806-171

Sequence 171, Application US/10102806
Publication No. US20030054421A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA103P1
CURRENT APPLICATION NUMBER: US/10/102, 806
CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/925, 298
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124, 270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 171
LENGTH: 796
TYPE: DNA
ORGANISM: Homo sapiens
US-10-102-806-171

Query Match 97.7%; Score 537.6; DB 15; Length 796;
Best Local Similarity 98.9%; Pred. No. 1.9e-142;
Matches 540; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

```
QY 5 AGCCACCATGATGTTTTCAGAAAGGGCTTCCATCCGCAAGAAAGGGGTGGTGC 64
DB 102 ACCCAACCATGATGTTTTCAGAAAGGGCTTCCATCCGCAAGAAAGGGGTGGTGC 161
QY 65 GGTGAAAAAGACCAAGAGGGGGTGAACGAGAGCTTGAAAGACCAAGAGGGGGTCA 124
DB 162 GGTGAAAAAGACCAAGAGGGGGTGAACGAGAGCTTGAAAGACCAAGAGGGGGTCA 221
QY 125 GTATGTGGAGGCAAGACCAAGAAATGTTTACAGAGCGTGACCTCACTGCGAGAA 184
DB 222 GTATGTGGAGGCAAGACCAAGAAATGTTTACAGAGCGTGACCTCACTGCGAGAA 281
QY 185 GACCAAGAGCAGGCGCAAGCGCGTGAGCAAGGCTGTGAGCAAGCGTCAACACTGTGC 244
DB 282 GACCAAGAGCAGGCGCAAGCGCGTGAGCAAGGCTGTGAGCAAGCGTCAACACTGTGC 341
QY 245 CACCAAGACCGTGAGAGAGGCGGAGAACATCGCGGTCACTCCGCGGTGTGCGCAAG 304
DB 342 CACCAAGACCGTGAGAGAGGCGGAGAACATCGCGGTCACTCCGCGGTGTGCGCAAG 401
QY 305 GCACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGGATCCAAAGAGAGGAAGT 364
DB 402 GCACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGGATCCAAAGAGAGGAAGT 461
QY 365 GGCAGAGAGGCGCCAGAGTGGGGAGACTAGAGGGCTACAGGCGCAAGCTGTA 424
DB 462 GGCAGAGAGGCGCCAGAGTGGGGAGACTAGAGGGCTACAGGCGCAAGCTGTA 521
QY 425 AGAGGCTCTCTGCTTGAGACCAATCCCTCTTACAGCAAGAGAGTCCCGCTTGA 484
DB 522 AGAGGCTCTCTGCTTGAGACCAATCCCTCTTACAGCAAGAGAGTCCCGCTTGA 581
QY 485 GACATGCGGGGTGCCACGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCGTCAACT 544
DB 582 GACATGCGGGGTGCCACGCTCTGCGCTGTCTCCCTGAGCAACCTTGGCGTCAACT 641
QY 545 GTGCTG 550
DB 642 GTGCTG 647
```

RESULT 5
US-10-282-174-469

Sequence 469, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelab, Goni
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertam, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282, 174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339, 525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338, 010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336, 929
PRIOR FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 469
LENGTH: 720
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: 30,57,85,243,250,377,512,531,555,561,672
OTHER INFORMATION: N is any
US-10-282-174-469

Query Match 97.3%; Score 535.4; DB 13; Length 720;
Best Local Similarity 98.2%; Pred. No. 8,1e-142; Indels 0; Gaps 0;
Matches 536; Conservative 0; Mismatches 10;

QY 5 AGCCACCATGATGTTTCAAGAGGGCTTCTCCATCCCAAGAGGCGTGTGGTGC 64
DB 42 ACCACCATGATGTTTCAAGAGGGCTTCTCCATCCCAAGAGGCGTGTGGTGC 101
QY 65 GGTGAAAAACCAACAGAGGGGTGACGGAAGCACTGAGAGAACCAAGAGGGGTCT 124
DB 102 GGTGAAAAACCAACAGAGGGGTGACGGAAGCACTGAGAGAACCAAGAGGGGTCT 161
QY 125 GTATGTGGAGCCCAAGCAAGAGAGATGTTGTACAGAGGCTGACCTCACTGAGAA 184
DB 162 GTATGTGGAGCCCAAGCAAGAGAGATGTTGTACAGAGGCTGACCTCACTGAGAA 221
QY 185 GACCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 244
DB 222 GACCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 281
QY 245 CACCAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 304
DB 282 CACCAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 341
QY 305 GGAATTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 364
DB 342 GGAATTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 401
QY 365 GGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 424
DB 402 GGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 461
QY 425 AAGAGGCTCTCTGCTTGGAGCAATCCCTCTTGGAGCAATCCCTCTTGGAGCAAT 484
DB 462 AAGAGGCTCTCTGCTTGGAGCAATCCCTCTTGGAGCAATCCCTCTTGGAGCAAT 521
QY 485 GACATCGGGGTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 544
DB 522 GACATCGGGGTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 581
QY 545 GTGCTG 550
DB 582 GTGCTG 587

RESULT 6

US-10-097-340-297
Sequence 297, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John MONAHAN
APPLICANT: Manjula GANNAYARAPU
APPLICANT: Sebastian HOERSCH
APPLICANT: Shubhangi KAMATKAR
APPLICANT: Steve G. KOVATIS

APPLICANT: Rachel E. MEYERS
APPLICANT: Michael MORRISSEY
APPLICANT: Peter OLANDT
APPLICANT: Ami SEN
APPLICANT: Peter VEIBY
APPLICANT: Gordon B. MILLS
APPLICANT: Robert C. BAST, Jr.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xumei ZHAO
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 297
LENGTH: 720
TYPE: DNA
ORGANISM: Homo sapiens
US-10-097-340-297

Query Match 96.7%; Score 531.6; DB 15; Length 720;
Best Local Similarity 98.4%; Pred. No. 9,6e-141;
Matches 537; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 5 AGCCACCATGATGTTTCAAGAGGGCTTCTCCATCCCAAGAGGCGTGTGGTGC 64
DB 42 ACCACCATGATGTTTCAAGAGGGCTTCTCCATCCCAAGAGGCGTGTGGTGC 101
QY 65 GGTGAAAAACCAACAGAGGGGTGACGGAAGCACTGAGAGAACCAAGAGGGGTCT 124
DB 102 GGTGAAAAACCAACAGAGGGGTGACGGAAGCACTGAGAGAACCAAGAGGGGTCT 161
QY 125 GTATGTGGAGCCCAAGCAAGAGAGATGTTGTACAGAGGCTGACCTCACTGAGAA 184
DB 162 GTATGTGGAGCCCAAGCAAGAGAGATGTTGTACAGAGGCTGACCTCACTGAGAA 221
QY 185 GACCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 244
DB 222 GACCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 281
QY 245 CACCAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 304
DB 282 CACCAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 341
QY 305 GGAATTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 364
DB 342 GGAATTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 401
QY 365 GGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 424
DB 402 GGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 461
QY 425 AAGAGGCTCTCTGCTTGGAGCAATCCCTCTTGGAGCAATCCCTCTTGGAGCAAT 484
DB 462 AAGAGGCTCTCTGCTTGGAGCAATCCCTCTTGGAGCAATCCCTCTTGGAGCAAT 521

;; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
;; FILE REFERENCE: PA103
;; CURRENT APPLICATION NUMBER: US/09/925,298
;; CURRENT FILING DATE: 2001-08-10
;; PRIOR APPLICATION NUMBER: PCT/US00/05881
;; PRIOR FILING DATE: 2000-03-08
;; PRIOR APPLICATION NUMBER: 60/124,270
;; PRIOR FILING DATE: 1999-03-12
;; NUMBER OF SEQ ID NOS: 846
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 172
;; LENGTH: 478
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-925-298-172

Query Match 44.9%; Score 246.8; DB 13; Length 478;
Best Local Similarity 99.2%; Pred. No. 4.3e-60;
Matches 248; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 301 AGAGAGACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGCATCCAAAGAGAGAGG 360
DB 81 AGAGAGACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGCATCCAAAGAGAGAGG 140
QY 361 AAGTGCAGAGAGAGCCAGAGTGGGGAGACTAGAGGGCTACAGGCGCAGCGTGATGAC 420
DB 141 AAGTGCAGAGAGAGCCAGAGTGGGGAGACTAGAGGGCTACAGGCGCAGCGTGATGAC 200
QY 421 CTGAAGAGCGCTCTCTGCTTGGACACCATCCCTCTAGACAAAGAGTGGCCCTT 480
DB 201 CTGAAGAGCGCTCTCTGCTTGGACACCATCCCTCTAGACAAAGAGTGGCCCTT 260
QY 481 GAGTGCATGCGGGTCCCAACGCTCTGCTTGGACACCATCCCTCTAGACACCTTGGCTGTCC 540
DB 261 GAGTGCATGCGGGTCCCAACGCTCTGCTTGGACACCATCCCTCTAGACACCTTGGCTGTCC 320
QY 541 ACCTGTGCTG 550
DB 321 ACCTGTGCTG 330

RESULT 10
US-10-102-806-172
;; Sequence 172, Application US/10102806
;; Publication No. US20030054421A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosen et al.
;; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
;; FILE REFERENCE: PA103P1C1
;; CURRENT APPLICATION NUMBER: US/10/102,806
;; CURRENT FILING DATE: 2002-03-22
;; PRIOR APPLICATION NUMBER: 09/925,298
;; PRIOR FILING DATE: 2001-08-10
;; PRIOR APPLICATION NUMBER: PCT/US00/05881
;; PRIOR FILING DATE: 2000-03-08
;; PRIOR APPLICATION NUMBER: 60/124,270
;; PRIOR FILING DATE: 1999-03-12
;; NUMBER OF SEQ ID NOS: 846
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 172
;; LENGTH: 478
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-102-806-172

Query Match 44.9%; Score 246.8; DB 15; Length 478;
Best Local Similarity 99.2%; Pred. No. 4.3e-60;
Matches 248; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 301 AGAGAGACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGCATCCAAAGAGAGAGG 360
DB 81 AGAGAGACTTGAAGCCATCTGCCCCCAACAGAGAGGTGAGCATCCAAAGAGAGAGG 140

QY 361 AAGTGCAGAGAGAGCCCAAGAGTGGGGAGACTAGAGGGCTACAGGCCAGCTGTGATGAC 420
DB 141 AAGTGCAGAGAGAGCCCAAGAGTGGGGAGACTAGAGGGCTACAGGCCAGCTGTGATGAC 200
QY 421 CTGAAGAGCGCTCTCTGCTTGGACACCATCCCTCTAGACAAAGAGTGGCCCGCTT 480
DB 201 CTGAAGAGCGCTCTCTGCTTGGACACCATCCCTCTAGACAAAGAGTGGCCCGCTT 260
QY 481 GAGTGCATGCGGGTCCCAACGCTCTGCTTGGACACCATCCCTCTAGACACCTTGGCTGTCC 540
DB 261 GAGTGCATGCGGGTCCCAACGCTCTGCTTGGACACCATCCCTCTAGACACCTTGGCTGTCC 320
QY 541 ACCTGTGCTG 550
DB 321 ACCTGTGCTG 330

RESULT 11
US-10-282-174-73
;; Sequence 73, Application US/10282174
;; Publication No. US20030224380A1
;; GENERAL INFORMATION:
;; APPLICANT: Becker, Kenneth David
;; APPLICANT: Veliceljebi, Goni
;; APPLICANT: Elliot, Kathryn J.
;; APPLICANT: Wang, Xin
;; APPLICANT: Tanzi, Rudolph E.
;; APPLICANT: Bertram, Lars
;; APPLICANT: Saunders, Aleister J.
;; APPLICANT: Mullin, Kristina M.
;; APPLICANT: Sampson, Andrew Johnson
;; APPLICANT: Blacker, Deborah Lynne
;; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
;; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
;; FILE REFERENCE: 37481-3308
;; CURRENT APPLICATION NUMBER: US/10/282,174
;; CURRENT FILING DATE: 2002-10-25
;; PRIOR APPLICATION NUMBER: US 60/339,525
;; PRIOR FILING DATE: 2001-10-25
;; PRIOR APPLICATION NUMBER: US 60/338,010
;; PRIOR FILING DATE: 2001-11-08
;; PRIOR APPLICATION NUMBER: US 60/336,929
;; PRIOR FILING DATE: 2001-11-08
;; PRIOR APPLICATION NUMBER: US 60/338,363
;; PRIOR FILING DATE: 2001-11-09
;; PRIOR APPLICATION NUMBER: US 60/337,052
;; PRIOR FILING DATE: 2001-12-04
;; PRIOR APPLICATION NUMBER: US 60/368,919
;; PRIOR FILING DATE: 2002-03-28
;; NUMBER OF SEQ ID NOS: 564
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 73
;; LENGTH: 5666
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
NAME/KEY: allele
LOCATION: 560,590,617,645,915,987,1723,1943,1950,3151,3178,3189,3284,
LOCATION: 4276,4311,4552,4995,5019,5025,5112,5136,5421,5648,5517
OTHER INFORMATION: N is any
;; FEATURE:
NAME/KEY: allele
LOCATION: 3779
OTHER INFORMATION: deletion: T
;; FEATURE:
NAME/KEY: allele
LOCATION: 4156
OTHER INFORMATION: insertion following nucleotide 4155
;; FEATURE:
NAME/KEY: allele
LOCATION: 4976
OTHER INFORMATION: deletion: C

US-10-282-174-73

Query Match 31.8%; Score 175; DB 13; Length 5666;
Best Local Similarity 98.3%; Pred. No. 1.2e-39;
Matches 175; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 AGGCCCAAGTGGGGGAGACTAGAGGGCTACAGGGCCAGCTGGAGAGAGAGCGCT 432
DB 4874 AGGCCCAAGTGGGGGAGACTAGAGGGCTACAGGGCCAGCTGGAGAGAGAGCGCT 4933
QY 433 CCTGCTTGGACACATCCCTCTAGACAAAGAGTGGCCGCTTGAAGTGAATGCG 492
DB 4934 CCTGCTTGGACACATCCCTCTAGACAAAGAGTGGCCGCTTGAAGTGAATGCG 4993
QY 493 GGTGCCCAAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 550
DB 4994 GGTGCCCAAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 5051

RESULT 12

US-10-282-174-72
; Sequence 72, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertiam, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 5666
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-282-174-72

Query Match 31.8%; Score 174.8; DB 13; Length 5666;
Best Local Similarity 98.9%; Pred. No. 1.4e-39;
Matches 176; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 373 AGGCCCAAGTGGGGGAGACTAGAGGGCTACAGGGCCAGCTGGAGAGAGCGCT 432
DB 4874 AGGCCCAAGTGGGGGAGACTAGAGGGCTACAGGGCCAGCTGGAGAGAGCGCT 4933
QY 433 CCTGCTTGGACACATCCCTCTAGACAAAGAGTGGCCGCTTGAAGTGAATGCG 492
DB 4934 CCTGCTTGGACACATCCCTCTAGACAAAGAGTGGCCGCTTGAAGTGAATGCG 4993
QY 493 GGTGCCCAAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 550

DB 4994 GGTGCCCAAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 5051

RESULT 13

US-10-282-174-483
; Sequence 483, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertiam, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 483
; LENGTH: 6012
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-282-174-483

Query Match 29.5%; Score 162.4; DB 13; Length 6012;
Best Local Similarity 97.8%; Pred. No. 4.7e-36;
Matches 174; Conservative 1; Mismatches 2; Indels 1; Gaps 1;

QY 373 AGGCCCAAGTGGGGGAGACTAGAGGGCTACAGGGCCAGCTGGAGAGAGCGCT 432
DB 5221 AGGCCCAAGTGGGGGAGACTAGAGGGCTACAGGGCCAGCTGGAGAGAGCGCT 5280
QY 433 CCTGCTTGGACACATCCCTCTAGACAAAGAGTGGCCGCTTGAAGTGAATGCG 492
DB 5281 CCTGCTTGGACACATCCCTCTAGACAAAGAGTGGCCGCTTGAAGTGAATGCG 5339
QY 493 GGTGCCCAAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 550
DB 5340 GGTGCCCAAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 5397

RESULT 14

US-10-240-425-388
; Sequence 388, Application US/10240425
; Publication No. US20040033502A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Amanda
; APPLICANT: Boland, Joseph F.
; APPLICANT: Lord, Reginald V.
; APPLICANT: Alvarez, Chris
; APPLICANT: Wetzel, Jon C.
; APPLICANT: Scherf, Uwe

APPLICANT: Vockley, Joseph G.
TITLE OF INVENTION: Gene Expression Profiles in Esophageal Tissue
FILE REFERENCE: 44921-5026
CURRENT APPLICATION NUMBER: US/10/240,425
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: PCT/US01/09847
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: US 60/193,446
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 1588
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 388
LENGTH: 4606
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20040033502A1 AF044311
US-10-240-425-388
Query Match 29.3%; Score 161.2; DB 13; Length 4606;
Best Local Similarity 97.8%; Pred. No. 9.9e-36; Mismatches 3; Indels 1; Gaps 1;
Matches 144; Conservative 0;
Qy 373 AGGCCGAGAGTGGGGAGACTAGAGGCTACAGGCCAGCGTGATGACCTGAAGACGGCT 432
Db 4312 AGGCCGAGAGTGGGGAGACTAGAGGCTACAGGCCAGCGTGATGACCTGAAGACGGCT 4371
Qy 433 CCTTCCTCTTGACACCATCTCCCTCTAGACACAGAGTCCCGCTTGAGTACATGCG 492
Db 4372 CCTTCCTCTTGACACCATCTCCCTCTAGACACAGAGTCCCGCTTGAGTACATGCG 4430
Qy 493 GGTGGCCAGCCTCTGCTCCCTGCTCTGTCGACACCCCTTGCTGCACTGTGCTG 550
Db 4431 GGTGGCCAGCCTCTGCTCCCTGCTCTGTCGACACCCCTTGCTGCTGCTGCTG 4488
RESULT 15
US-10-152-319A-1710
Sequence 1710, Application US/10152319A
Publication No. US20040072160A1
GENERAL INFORMATION:
APPLICANT: Mendrick, Donna
APPLICANT: Porter, Mark
APPLICANT: Johnson, Kory
APPLICANT: Higgs, Brandon
APPLICANT: Castle, Arthur
APPLICANT: Elashoff, Michael
TITLE OF INVENTION: Molecular Toxicology Modeling
FILE REFERENCE: 44921-5089-US
CURRENT APPLICATION NUMBER: US/10/152,319A
CURRENT FILING DATE: 2002-05-22
PRIOR APPLICATION NUMBER: US 60/292,335
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: US 60/297,523
PRIOR FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US 60/298,925
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 60/303,810
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/303,807
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/303,808
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/315,047
PRIOR FILING DATE: 2001-08-28
PRIOR APPLICATION NUMBER: US 60/324,928
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: US 60/330,867
PRIOR FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/330,462
PRIOR FILING DATE: 2001-10-22
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2221

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1710
LENGTH: 1018
TYPE: DNA
ORGANISM: Rattus norvegicus
FEATURE:
OTHER INFORMATION: Genbank Accession No. NM_019169
US-10-152-319A-1710
Query Match 27.1%; Score 148.8; DB 12; Length 1018;
Best Local Similarity 68.1%; Pred. No. 2.7e-32;
Matches 207; Conservative 0; Mismatches 97; Indels 0; Gaps 0;
Qy 10 CCATGATGTTTCAAGAGGCTTCTCATTCGCCAAGAGGCGGTGCTGGGCTG 69
Db 26 CCATGATGTTTCAAGAGGCTTCTCATTCGCCAAGAGGCGGTGCTGGGCTG 85
Qy 70 AAAAGACCAAGCAGGCGGTGACGAGACGCTGAGAACCAAGAGGCGGTGATG 129
Db 86 AAAAGACCAAGCAGGCGGTGACGAGACGCTGAGAACCAAGAGGCGGTGATG 145
Qy 130 TGGAGCCAGACCAAGAGAAATGTTGACAGAGCTGACCTCATGCGCCGAGAACCA 189
Db 146 TGGAGCCAGACCAAGAGAAATGTTGACAGAGCTGACCTCATGCGCCGAGAACCA 205
Qy 190 AGAGCAGGCGCAAGCGCGTGAAGCAGTGTGTGAGAGAGGCTCAACTGTGCGCACCA 249
Db 206 AGAGCAGGCGCAAGCGCGTGAAGCAGTGTGTGAGAGAGGCTCAACTGTGCGCACCA 265
Qy 250 AGACCGTGAAGAGCGAGAACATCGCGGTCACTCCGGGGTGTGCGCAAGAGAACT 309
Db 266 AGACCGTGAAGAGCGAGAACATCGCGGTCACTCCGGGGTGTGCGCAAGAGAACT 325
Qy 310 TGAG 313
Db 326 TGGG 329

Search completed: May 24, 2004, 13:19:56
Job time : 295 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 24, 2004, 12:18:20 ; Search time 64 Seconds
(Without alignments)
4769.109 Million cell updates/sec

Title: US-09-017-715A-1

Perfect score: 550
Sequence: 1 CACGAGCCACCATGATGTT.....TGCGCTGTCCACTGTGCTG 550

Scoring table: OLIGO NUC
Gapop 60.0 , Gapept 60.0

Searched: 682709 seqs, 277475446 residues

Word size: 0

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: listing first 45 summaries

Database: Issued Patents NA:*

- 1: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
- 2: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
- 3: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
- 4: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
- 5: /cgn2_6/ptodata/2/ina/PCTUS.COMB.seq:*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	550	100.0	550	US-08-705-771-1	Sequence 1, Appli
2	550	100.0	550	US-09-417-540-1	Sequence 1, Appli
3	110	20.0	786	PCT-US95-08295-1	Sequence 1, Appli
4	22	4.0	1792	US-09-976-594-999	Sequence 999, App
5	21	3.8	21	PCT-US95-08295-25	Sequence 25, Appli
6	19	3.5	36	PCT-US95-08295-29	Sequence 29, Appli
7	18	3.3	27	PCT-US95-08295-30	Sequence 30, Appli
8	18	3.3	28	PCT-US95-08295-26	Sequence 26, Appli
9	18	3.3	427	US-09-621-976-8512	Sequence 8512, Ap
10	18	3.3	516	US-09-252-991A-211	Sequence 211, App
11	18	3.3	2058	US-09-489-039A-5810	Sequence 5810, Ap
12	18	3.3	2325	US-09-252-991A-194	Sequence 194, App
13	18	3.3	2784	US-09-252-991A-194	Sequence 194, App
14	18	3.3	2946	US-09-252-991A-227	Sequence 227, App
15	18	3.3	21040	US-08-961-527-555	Sequence 55, Appli
16	17	3.1	306	US-09-313-294A-7582	Sequence 7582, Ap
17	17	3.1	419	US-09-621-976-609	Sequence 609, Appli
18	17	3.1	426	US-09-252-991A-13493	Sequence 13493, A
19	17	3.1	768	US-09-489-039A-1904	Sequence 1904, Ap
20	17	3.1	790	US-08-393-985-22	Sequence 22, Appli
21	17	3.1	807	US-09-252-991A-13398	Sequence 13398, A
22	17	3.1	948	US-09-221-017B-25	Sequence 25, Appli
23	17	3.1	1605	US-09-930-218-10	Sequence 10, Appli
24	17	3.1	1822	US-09-220-132-54	Sequence 54, Appli
25	17	3.1	1930	US-09-919-172-3	Sequence 3, Appli
26	17	3.1	1930	US-09-976-594-957	Sequence 957, Appli
27	17	3.1	2009	US-08-333-356-9	Sequence 9, Appli

28	17	3.1	2009	1	US-08-463-694-9	Sequence 9, Appli
29	17	3.1	2009	1	US-08-694-501-9	Sequence 9, Appli
30	17	3.1	2012	2	US-08-484-200-3	Sequence 3, Appli
31	17	3.1	2097	1	US-08-393-985-1	Sequence 1, Appli
32	17	3.1	3003	3	US-09-423-340-1	Sequence 1, Appli
33	17	3.1	3003	4	US-09-820-155-1	Sequence 1, Appli
34	17	3.1	3259	5	PCT-US95-03747-1	Sequence 1, Appli
35	17	3.1	6463	2	US-08-962-284-3	Sequence 3, Appli
36	17	3.1	8906	2	US-08-826-267-1	Sequence 1, Appli
37	17	3.1	11011	2	US-08-791-849A-14	Sequence 14, Appli
38	17	3.1	15213	4	US-08-961-527-26	Sequence 26, Appli
39	17	3.1	112132	4	US-09-741-150-3	Sequence 3, Appli
40	17	3.1	112132	4	US-10-160-187-3	Sequence 3, Appli
41	16	2.9	20	4	US-09-081-385-123	Sequence 123, App
42	16	2.9	163	4	US-08-833-381-575	Sequence 575, App
43	16	2.9	281	4	US-09-313-294A-5618	Sequence 5618, Ap
44	16	2.9	285	4	US-09-313-294A-6577	Sequence 6577, Ap
45	16	2.9	288	1	US-08-438-753B-23	Sequence 23, Appli

ALIGNMENTS

RESULT 1
US-08-705-771-1
Sequence 1, Application US/08705771
Patent No. 6054289
GENERAL INFORMATION:
APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
APPLICANT: Jian Ni and Jing-Shan Hu
TITLE OF INVENTION: Human Genes, Sequences and
TITLE OF INVENTION: Expression Products
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08705,771
FILING DATE: August 30, 1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MULINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1700
TELEFAX: 973-994-1744
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 550 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-705-771-1

Query Match 100.0%; Score 550; DB 3; Length 550;
Best Local Similarity 100.0%; Pred. No. 4.4e-267;
Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CACGAGCCACCATGATGTTTTCAGAGGGCTTCCATGCGCCAGAGGGCGTGTG 60
1 CACGAGCCACCATGATGATTTTTCAGAGGGCTTCCATGCGCCAGAGGGCGTGTG 60

QY 61 GTGGCGTGAAGAAAGACCAAGCAGGGGTGACGGAACGACTGAGAACCAAGAGAGGGG 120
 DB 61 GTGGCGTGAAGAAAGACCAAGCAGGGGTGACGGAACGACTGAGAACCAAGAGAGGGG 120
 QY 121 TCATGTATGTGGAGCCAAAGACCAAGAGATTTGTACAGACCTGATCCTCAGTGGCCG 180
 DB 121 TCATGTATGTGGAGCCAAAGACCAAGAGATTTGTACAGACCTGATCCTCAGTGGCCG 180
 QY 181 AGAAGACCAAGAGCAGGCGCCACGCGGTGACAGAGCTGTGTAGACAGCTCAACACTG 240
 DB 181 AGAAGACCAAGAGCAGGCGCCACGCGGTGACAGAGCTGTGTAGACAGCTCAACACTG 240
 QY 241 TGGCCCAACCAAGACCGGTGAGAGGCGGAGAACATCGCGGTCACTCCGGGTGTGTCGCA 300
 DB 241 TGGCCCAACCAAGACCGGTGAGAGGCGGAGAACATCGCGGTCACTCCGGGTGTGTCGCA 300
 QY 301 AGGAGACTTGAAGGCCATCTGCCCCCAAGAGGGGTGAGGATCCAAAGAGAAAGAG 360
 DB 301 AGGAGACTTGAAGGCCATCTGCCCCCAAGAGGGGTGAGGATCCAAAGAGAAAGAG 360
 QY 361 AAGTGCACAGAGAGGCGCCAGAGTGGGGAGACTAGAGGCTTACAGGCTCAGCTGATGAC 420
 DB 361 AAGTGCACAGAGAGGCGCCAGAGTGGGGAGACTAGAGGCTTACAGGCTCAGCTGATGAC 420
 QY 421 CTGAAGAGGCTCTCTGCTTGGACCAACCATCCCTCTAGCAAGAGAGTGGCGCTT 480
 DB 421 CTGAAGAGGCTCTCTGCTTGGACCAACCATCCCTCTAGCAAGAGAGTGGCGCTT 480
 QY 481 GAGTGACATGCGGGTGCACACGCTCTGCTGCTCTGCTGACCAACCTTGGCTGTCC 540
 DB 481 GAGTGACATGCGGGTGCACACGCTCTGCTGCTCTGCTGACCAACCTTGGCTGTCC 540
 QY 541 ACCTGTGCTG 550
 DB 541 ACCTGTGCTG 550

RESULT 2
 US-09-417-540-1
 ; Sequence 1, Application US/09417540
 ; Patent No. 6639052
 ; GENERAL INFORMATION:
 ; APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
 ; ; Jian Ni and Jing-Shan Hu
 ; TITLE OF INVENTION: Human Gene, Sequences and
 ; ; Expression Products
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ; ADDRESS: CARELLA, BYRNE, BAIN, GILFILLAN,
 ; ; CECCHI, STEWART & OLSTEIN
 ; ; STREET: 6 BECKER FARM ROAD
 ; ; CITY: ROSELAND
 ; ; STATE: NEW JERSEY
 ; ; COUNTRY: USA
 ; ; ZIP: 07068
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 INCH DISKETTE
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: MS-DOS
 ; SOFTWARE: WORD PERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/417,540
 ; FILING DATE: 14-Oct-1999
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/705,771
 ; FILING DATE: August 30, 1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: MULLINS, J.G.
 ; REGISTRATION NUMBER: 33,073
 ; REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)
 ; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 973-994-1700
 ; TELEFAX: 973-994-1744
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 550 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 ; US-09-417-540-1
 ;
 ; Query Match 100.0%; Score 550; DB 4; Length 550;
 ; Best Local Similarity 100.0%; Pred. No. 4.4e-267;
 ; Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CACGAGCCACCATGATGTTTCAAGAAAGGCTTCTCCATGCCCAGAAAGGGCGTGTGG 60
 DB 1 CACGAGCCACCATGATGTTTCAAGAAAGGCTTCTCCATGCCCAGAAAGGGCGTGTGG 60
 QY 61 GTGGCGTGAAGAAAGACCAAGCAGGGGTGACGGAAGCAGCTGAGAAACCAAGAGAGGGG 120
 DB 61 GTGGCGTGAAGAAAGACCAAGCAGGGGTGACGGAAGCAGCTGAGAAACCAAGAGAGGGG 120
 QY 121 TCATGTATGTGGAGCCAAAGACCAAGAGATTTGTACAGAGCTGACCTCAGTGGCCG 180
 DB 121 TCATGTATGTGGAGCCAAAGACCAAGAGATTTGTACAGAGCTGACCTCAGTGGCCG 180
 QY 181 AGAAGACCAAGAGAGGCGCCACGCGGTGACAGAGCTGTGTGAGACAGCTCAACACTG 240
 DB 181 AGAAGACCAAGAGAGGCGCCACGCGGTGACAGAGCTGTGTGAGACAGCTCAACACTG 240
 QY 241 TGGCCCAACCAAGACCGGTGAGAGGCGGAGAACATGCGGCTCACTCCGGGTGTGTCGCA 300
 DB 241 TGGCCCAACCAAGACCGGTGAGAGGCGGAGAACATGCGGCTCACTCCGGGTGTGTCGCA 300
 QY 301 AGGAGACTTGAAGGCCATCTGCCCCCAAGAGGGGTGAGGATCCAAAGAGAAAGAG 360
 DB 301 AGGAGACTTGAAGGCCATCTGCCCCCAAGAGGGGTGAGGATCCAAAGAGAAAGAG 360
 QY 361 AAGTGCACAGAGAGGCGCCAGAGTGGGGAGACTAGAGGCTTACAGGCTCAGCTGATGAC 420
 DB 361 AAGTGCACAGAGAGGCGCCAGAGTGGGGAGACTAGAGGCTTACAGGCTCAGCTGATGAC 420
 QY 421 CTGAAGAGGCTCTCTGCTTGGACCAACCATCCCTCTAGCAAGAGAGTGGCGCTT 480
 DB 421 CTGAAGAGGCTCTCTGCTTGGACCAACCATCCCTCTAGCAAGAGAGTGGCGCTT 480
 QY 481 GAGTGACATGCGGGTGCACACGCTCTGCTGCTCTGCTGACCAACCTTGGCTGTCC 540
 DB 481 GAGTGACATGCGGGTGCACACGCTCTGCTGCTCTGCTGACCAACCTTGGCTGTCC 540
 QY 541 ACCTGTGCTG 550
 DB 541 ACCTGTGCTG 550

RESULT 3
 PCT-US95-08295-1
 ; Sequence 1, Application PC/TUS9508295
 ; GENERAL INFORMATION:
 ; APPLICANT:
 ; TITLE OF INVENTION: BREAST SPECIFIC GENES AND PROTEINS
 ; NUMBER OF SEQUENCES: 30
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/08295
 ; FILING DATE: 30-JUN-1995
 ; CLASSIFICATION:

```

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 786 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
PCT-US95-08295-1

Query Match      20.0%; Score 110; DB 5; Length 786;
Best Local Similarity 100.0%; Pred. No. 8.4e-46;
Matches 110; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 49 AGGCGCTGTCGGTCCGTCGAAAAAGACCAACAGAGGGGCTGACCGAAGCAGCTGGAAGA 108
DB 132 AGGCGCTGTCGGTCCGTCGAAAAAGACCAACAGAGGGGCTGACCGAAGCAGCTGGAAGA 191
DB 109 CCAAGAGAGGGGCTCATGTATGTGGAGCCAGACCAAGAGAGATGTGTA 158
DB 192 CCAAGAGAGGGGCTCATGTATGTGGAGCCAGACCAAGAGAGATGTGTA 241

RESULT 4
US-09-976-594-999
; Sequence 999, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976.594
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 999
; LENGTH: 1792
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 678004CBI
US-09-976-594-999

Query Match      4.0%; Score 22; DB 4; Length 1792;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 351 GAGAAAGAGAAAGTGCGACAGG 372
DB 288 GAGAAAGAGAAAGTGCGACAGG 309

RESULT 5
PCT-US95-08295-25
; Sequence 25, Application PC/TUS9508295
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: BREAST SPECIFIC GENES AND PROTEINS
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08295
; FILING DATE: 30-JUN-1995
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:

```

```

;   LENGTH: 21 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: other nucleic acid
;   DESCRIPTION: /desc = "PRIMER"
PCT-US95-08295-25

Query Match      3.8%; Score 21; DB 5; Length 21;
Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GCCACCATGATGTTTCAAG 26
DB 1 GCCACCATGATGTTTCAAG 21

RESULT 6
PCT-US95-08295-29
; Sequence 29, Application PC/TUS9508295
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: BREAST SPECIFIC GENES AND PROTEINS
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08295
; FILING DATE: 30-JUN-1995
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 36 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: other nucleic acid
;   DESCRIPTION: /desc = "PRIMER"
PCT-US95-08295-29

Query Match      3.5%; Score 19; DB 5; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 CATGATGTTTCAAGAG 29
DB 18 CATGATGTTTCAAGAG 36

RESULT 7
PCT-US95-08295-30/c
; Sequence 30, Application PC/TUS9508295
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: BREAST SPECIFIC GENES AND PROTEINS
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08295
; FILING DATE: 30-JUN-1995
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 27 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single

```

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
PCT-US95-08295-30

Query Match 3.3%; Score 18; DB 5; Length 27;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 378 CAGAGTGGGGGAGACTAG 395
DB 27 CAGAGTGGGGGAGACTAG 10

RESULT 8
PCT-US95-08295-26/C
Sequence 26, Application PC/TUS9508295
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: BREAST SPECIFIC GENES AND PROTEINS
NUMBER OF SEQUENCES: 30
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08295
FILING DATE: 30-JUN-1995
CLASSIFICATION:
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
PCT-US95-08295-26

Query Match 3.3%; Score 18; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 375 GCCCAGAGTGGGGGAGAC 392
DB 28 GCCCAGAGTGGGGGAGAC 11

RESULT 9
US-09-621-976-8512
Sequence 8512, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumais Malne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 8512
LENGTH: 427
TYPE: DNA
ORGANISM: Homo sapiens
US-09-621-976-8512

Query Match 3.3%; Score 18; DB 4; Length 427;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 358 AGGAAGTGGCAGAGGAGG 375
DB 296 AGGAAGTGGCAGAGGAGG 313

RESULT 10
US-09-252-991A-211
Sequence 211, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 211
LENGTH: 516
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-211

Query Match 3.3%; Score 18; DB 4; Length 516;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 44 CAAGAAGGCGGTGTGGG 61
DB 20 CAAGAAGGCGGTGTGGG 37

RESULT 11
US-09-489-039A-5810
Sequence 5810, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 5810
LENGTH: 2058
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-489-039A-5810

Query Match 3.3%; Score 18; DB 4; Length 2058;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 277 CGGTACCTCCGGGGTGG 294
DB 767 CGGTACCTCCGGGGTGG 784

RESULT 12
US-09-252-991A-218
Sequence 218, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 218
LENGTH: 2325
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-218

Query Match 3.3%; Score 18; DB 4; Length 2325;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 44 CAAGAAGGCGGTGTGGG 61
DB 955 CAAGAAGGCGGTGTGGG 972

RESULT 13
US-09-252-991A-194/C
Sequence 194, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 194
LENGTH: 2784
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-194

Query Match 3.3%; Score 18; DB 4; Length 2784;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 44 CAAGAAGGCGGTGTGGG 61
DB 1951 CAAGAAGGCGGTGTGGG 1934

RESULT 14
US-09-252-991A-227
Sequence 227, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 227
LENGTH: 2946
TYPE: DNA

ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-227

Query Match 3.3%; Score 18; DB 4; Length 2946;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 44 CAAGAAGGCGGTGTGGG 61
DB 1041 CAAGAAGGCGGTGTGGG 1058

RESULT 15
US-08-961-527-55/C
Sequence 55, Application US/08961527
Patent No. 6420135
GENERAL INFORMATION:
APPLICANT: Charles Kunach
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
CORRESPONDENCE ADDRESS:
ADDRESSER: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PB340P1
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 21040 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-961-527-55

Query Match 3.3%; Score 18; DB 4; Length 21040;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 358 AGAAGTGCGACAGAGG 375
DB 5832 AGAAGTGCGACAGAGG 5815

Search completed: May 24, 2004, 13:21:21
Job time : 66 secs

This Page Blank (uspio)

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 24, 2004, 13:14:50 ; Search time 293 Seconds
(without alignments)
8531.059 Million cell updates/sec

Title: US-09-017-715A-1

Perfect score: 550
Sequence: 1 CACGAGCCACCATGATGATTTT.....TGCGCTTCACCTGTCTGCTG 550

Scoring table: OLIGO_NUC
Gapop 60.0, Gapext 60.0

Searched: 2953838 seqs, 2272363821 residues

Word size: 0

Total number of hits satisfying chosen parameters: 5907676

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database:

Published Applications NA:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/1/pubpna/FCI_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match length	ID	Description
1	550	100.0	US-09-954-531-613	Sequence 613, App
2	550	100.0	US-10-453-478-1	Sequence 1, Appl
3	394	71.6	US-09-925-298-171	Sequence 171, App
4	394	71.6	US-10-102-806-171	Sequence 171, App
5	368	66.9	US-09-918-995-2705	Sequence 2705, App
6	292	53.1	US-10-097-340-297	Sequence 297, App
7	273	49.6	US-10-282-174-469	Sequence 469, App
8	193	35.1	US-09-925-298-172	Sequence 172, App
9	193	35.1	US-10-102-806-172	Sequence 172, App
10	121	22.0	US-10-282-174-72	Sequence 72, Appl
11	121	22.0	US-10-282-174-73	Sequence 73, Appl
12	110	20.0	US-10-267-849-1	Sequence 1, Appl
13	102	18.5	US-10-240-425-388	Sequence 388, App
14	102	18.5	US-10-282-174-483	Sequence 483, App

C	15	90	16.4	137	15	US-10-029-386-23457	Sequence 23457, A
C	16	90	16.4	521	15	US-10-029-386-9757	Sequence 9757, App
C	17	90	16.4	689	13	US-10-027-632-134043	Sequence 134043, A
C	18	90	16.4	689	13	US-10-027-632-134044	Sequence 134044, A
C	19	90	16.4	689	16	US-10-027-632-134043	Sequence 134043, A
C	20	90	16.4	689	16	US-10-027-632-134044	Sequence 134044, A
C	21	85	15.5	132	15	US-10-029-386-25796	Sequence 25796, A
C	22	85	15.5	502	15	US-10-029-386-12096	Sequence 12096, A
C	23	85	15.5	502	13	US-09-823-245A-262	Sequence 262, App
C	24	68	12.4	249	9	US-09-954-531-1217	Sequence 1217, App
C	25	27	4.9	5883	15	US-10-311-455-1705	Sequence 1705, App
C	26	26	4.7	60	10	US-09-908-975-12205	Sequence 12205, A
C	27	22	4.0	416	10	US-09-918-995-8786	Sequence 8786, App
C	28	22	4.0	1086	13	US-10-282-122A-17571	Sequence 17571, App
C	29	22	4.0	1326	16	US-10-414-692-2	Sequence 2, Appl
C	30	22	4.0	1851	13	US-10-027-632-98179	Sequence 98179, A
C	31	22	4.0	1851	13	US-10-027-632-98180	Sequence 98180, A
C	32	22	4.0	1851	16	US-10-027-632-98179	Sequence 98179, A
C	33	22	4.0	1851	16	US-10-027-632-98180	Sequence 98180, A
C	34	22	4.0	1854	13	US-10-027-632-97456	Sequence 97456, A
C	35	22	4.0	1854	16	US-10-027-632-97456	Sequence 97456, A
C	36	22	4.0	3301	9	US-09-954-456-554	Sequence 554, App
C	37	22	4.0	3301	13	US-10-655-847-18	Sequence 18, Appl
C	38	22	4.0	3301	13	US-10-160-807-18	Sequence 18, Appl
C	39	22	4.0	104245	13	US-10-655-847-4	Sequence 4, Appl
C	40	22	4.0	104245	13	US-10-160-807-4	Sequence 4, Appl
C	41	21	3.8	21	15	US-10-267-849-25	Sequence 25, Appl
C	42	20	3.6	1830	13	US-10-282-122A-25435	Sequence 25435, A
C	43	19	3.5	19	13	US-10-282-174-28	Sequence 28, Appl
C	44	19	3.5	23	9	US-09-767-536-5	Sequence 5, Appl
C	45	19	3.5	36	15	US-10-267-849-29	Sequence 29, Appl

ALIGNMENTS

RESULT 1
US-09-954-531-613
Sequence 613, Application US/09954531
Patent No. US20020165180A1
GENERAL INFORMATION:
APPLICANT: Weaver, Zoe
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cance
FILE REFERENCE: 689290-77
CURRENT APPLICATION NUMBER: US/09/954,531
CURRENT FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: US/60/233,133
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/60/234,009
PRIOR FILING DATE: 2000-09-20
PRIOR APPLICATION NUMBER: US/60/234,034
PRIOR FILING DATE: 2000-09-20
PRIOR APPLICATION NUMBER: US/60/234,509
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US/60/234,567
PRIOR FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 1392
SOFTWARE: PatentIn version 3.0
SEQ ID NO 613
LENGTH: 550
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-531-613

Query Match: 100.0%; Score 550; DB 9; Length 550;
Beet Local Similarity: 100.0%; Pred. No. 1.1e-274; Indels 0; Gaps 0;
Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACGAGCCACCATGATGATTTTCAAGAGGCTTCCATGCCCAAGAGGCGGTGTGG 60
Db 1 CACGAGCCACCATGATGATTTTCAAGAGGCTTCCATGCCCAAGAGGCGGTGTGG 60

```

QY 61 GTGCGGTGAAAAGACCAAGAGGAGTACGGAACGCTGAGAACCAAGAGGAGG 120
DB 61 GTGCGGTGAAAAGACCAAGAGGAGTACGGAACGCTGAGAACCAAGAGGAGG 120
QY 121 TCATGTATGTGGAGCCCAAGACCAAGAGATGTTGTACAGAGCTGACCTCAGTGGCG 180
DB 121 TCATGTATGTGGAGCCCAAGACCAAGAGATGTTGTACAGAGCTGACCTCAGTGGCG 180
QY 181 AGAAGACCAAGAGAGGAGCCCAAGAGCTGTGACAGAGCTGTGTGAGACAGCTCAACTG 240
DB 181 AGAAGACCAAGAGAGGAGCCCAAGAGCTGTGACAGAGCTGTGTGAGACAGCTCAACTG 240
QY 241 TGCGCCACCAAGACCGTGTGAGAGGAGGAGAACTGCGGTGACCTCGGGGTGTGCGCA 300
DB 241 TGCGCCACCAAGACCGTGTGAGAGGAGGAGAACTGCGGTGACCTCGGGGTGTGCGCA 300
QY 301 AGAGAGACTTGAGGAGCCATGTGCCCCCAACAGAGAGGTGAGGATCCAAAGAAAGAG 360
DB 301 AGAGAGACTTGAGGAGCCATGTGCCCCCAACAGAGAGGTGAGGATCCAAAGAAAGAG 360
QY 361 AAGTGCACAGAGAGGAGCCCAAGAGTGGGAGACTAGAGGCTACAGGCGAGCTGATGAC 420
DB 361 AAGTGCACAGAGAGGAGCCCAAGAGTGGGAGACTAGAGGCTACAGGCGAGCTGATGAC 420
QY 421 CTGAAGAGGCTCTCTGCTTGTGACACCATCCCTCTAGACCAAGAGTGGCGCTT 480
DB 421 CTGAAGAGGCTCTCTGCTTGTGACACCATCCCTCTAGACCAAGAGTGGCGCTT 480
QY 481 GAGTGACATGCGGGTCCCAAGCTCTGCTGCTGCTGCTGCAACCTTGGCTGTCC 540
DB 481 GAGTGACATGCGGGTCCCAAGCTCTGCTGCTGCTGCTGCTGCAACCTTGGCTGTCC 540
QY 541 ACCTGTGCTG 550
DB 541 ACCTGTGCTG 550

```

RESULT 2

US-10-453-478-1

```

; Sequence 1, Application US/10453478
; Publication No. US20030208043A1
; GENERAL INFORMATION:
; APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
;           Jian Ni and Jing-Shan Hu
; TITLE OF INVENTION: Human Genes, Sequences and
;           Expression Products
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSER: CARELLA, BYRNE, BAIN, GILFILLAN,
;           CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,478
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,771
; FILING DATE: August 30, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 973-994-1700

```

```

; TELEFAX: 973-994-1744
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 550 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-453-478-1

```

```

Query Match      100.0%; Score 550; DB 16; Length 550;
Best Local Similarity 100.0%; Pred. No. 1.1e-274;
Matches 550; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CACGAGCCACCATGATGTTTCAAGAAAGGCTTCTCATGCGCAAGAGGCGTGTGG 60
DB 1 CACGAGCCACCATGATGTTTCAAGAAAGGCTTCTCATGCGCAAGAGGCGTGTGG 60
QY 61 GTGCGGTGAAAAGACCAAGAGGAGTACGGAACGCTGAGAACCAAGAGGAGG 120
DB 61 GTGCGGTGAAAAGACCAAGAGGAGTACGGAACGCTGAGAACCAAGAGGAGG 120
QY 121 TCATGTATGTGGAGCCCAAGACCAAGAGATGTTGTACAGAGCTGACCTCAGTGGCG 180
DB 121 TCATGTATGTGGAGCCCAAGACCAAGAGATGTTGTACAGAGCTGACCTCAGTGGCG 180
QY 181 AGAAGACCAAGAGAGGAGCCCAAGAGCTGTGACAGAGCTGTGTGAGACAGCTCAACTG 240
DB 181 AGAAGACCAAGAGAGGAGCCCAAGAGCTGTGACAGAGCTGTGTGAGACAGCTCAACTG 240
QY 241 TGCGCCACCAAGACCGTGTGAGAGGAGGAGAACTGCGGTGACCTCGGGGTGTGCGCA 300
DB 241 TGCGCCACCAAGACCGTGTGAGAGGAGGAGAACTGCGGTGACCTCGGGGTGTGCGCA 300
QY 301 AGAGAGACTTGAGGAGCCATGTGCCCCCAACAGAGAGGTGAGGATCCAAAGAAAGAG 360
DB 301 AGAGAGACTTGAGGAGCCATGTGCCCCCAACAGAGAGGTGAGGATCCAAAGAAAGAG 360
QY 361 AAGTGCACAGAGAGGAGCCCAAGAGTGGGAGACTAGAGGCTACAGGCGAGCTGATGAC 420
DB 361 AAGTGCACAGAGAGGAGCCCAAGAGTGGGAGACTAGAGGCTACAGGCGAGCTGATGAC 420
QY 421 CTGAAGAGGCTCTCTGCTTGTGACACCATCCCTCTAGACCAAGAGTGGCGCTT 480
DB 421 CTGAAGAGGCTCTCTGCTTGTGACACCATCCCTCTAGACCAAGAGTGGCGCTT 480
QY 481 GAGTGACATGCGGGTCCCAAGCTCTGCTGCTGCTGCTGCAACCTTGGCTGTCC 540
DB 481 GAGTGACATGCGGGTCCCAAGCTCTGCTGCTGCTGCTGCTGCAACCTTGGCTGTCC 540
QY 541 ACCTGTGCTG 550
DB 541 ACCTGTGCTG 550

```

RESULT 3

US-09-925-298-171

```

; Sequence 171, Application US/09925298
; Publication No. US20020039764A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FIDE REFERENCE: PA103
; CURRENT APPLICATION NUMBER: US/09/925,298
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05881
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 846
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 171

```



```

; LENGTH: 796
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-298-171

```

Query Match	71.6%;	Score 394;	DB 13;	Length 796;
Best Local Similarity	99.8%;	Pred. No. 7.1e-194;		
Matches 444;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

QY	49	AGGCGTGTGGGTCCGGTGGAAAAAGACCAAGCAGGGGTGACGGAAAGCACTGAAGA	108
Dp	146	AGGCGTGTGGGTCCGGTGGAAAAAGACCAAGCAGGGGGTGAACGAAACACTGAAGA	205
QY	109	CCAAAGAGGGGTCATGTATGTGGAGCCAAAGCCAAAGGAGATGTTGTACAGAGCGTGA	168
Dp	206	CCAAAGAGGGGGTCATGTATGTGGAGCCAAAGCCAAAGGAGATGTTGTACAGAGCGTGA	265
QY	169	CCTCAGTGGCCGAGAAAGACCAAGAGCAGGCCAACGCCCTTGAGCAAGCTGTGTTAGCA	228
Dp	266	CCTCAGTGGCCGAGAAAGACCAAGAGCAGGCCAACGCCCTTGAGCGAGCTGTGTTAGCA	325
QY	229	GCCTCAACACTGTGGCCCAACAGACCGTGGAGAGCGAGAACATTCGCGGTCACTCCG	288
Dp	326	GCCTCAACACTGTGGCCCAACAGACCGTGGAGAGCGAGAACATTCGCGGTCACTCCG	385
QY	289	GGGTGTGTCCGCAAGAGACTTTGAGGCCATCTGCCCTCCCAACAGAGGGTGAAGCATCCA	348
Dp	386	GGGTGTGTCCGCAAGAGACTTTGAGGCCATCTGCCCTCCCAACAGAGGGTGAAGCATCCA	445
QY	349	AAGAGAAAGAGAACTGGCAGAGAGGCCACAGAGTGGGGAGACTGAGGGGCTACAGGCC	408
Dp	446	AAGAGAAAGAGAACTGGCAGAGAGGCCACAGAGTGGGGAGACTGAGGGGCTACAGGCC	505
QY	409	AGCGTGATGACCTGAAGAGCGCTCCTTGCTTGACACATCCCTCTTACACAAG	468
Dp	506	AGCGTGATGACCTGAAGAGCGCTCCTTGCTTGACACATCCCTCTTACACAAG	565
QY	469	AGTGCCTGCCCTTGAGTGAATTCGG	493
Dp	566	AGTGCCTGCCCTTGAGTGAATTCGG	590

RESULT 4
US-10-102-806-171

Qy 49 AGGCGTGGTGGGTCGGTGGAAAAAGACCAAGCAGGGGCTACCGGAAGCAGCTGAAGA 108
Db 146 AGGCGTGGTGGGTCGGTGGAAAAAGACCAAGCAGGGGCTACCGGAAGCAGCTGAAGA 205

QY	109	CCAAAGAGGGGGGTCAATGATATGTGGAGGCCAACCAGAGAGATGTTTGAACAAGCGTGA	168
Db	206	CCAAAGAGGGGGGTCAATGATATGTGGAGGCCAACCAGAGAGATGTTTGAACAAGCGTGA	255
QY	169	CCTCAGTGGCCGAGAGAACCAAGAGCAGGCCACCGCTGAGCAAGCGCTGTGTGAGCA	228
Db	266	CCTCAGTGGCCGAGAGAACCAAGAGCAGGCCACCGCTGAGCAAGCGCTGTGTGAGCA	325
QY	229	GGGTCAACACTGTGGCCACCAAGACCGTGGAGAGCGGAGAACATCGCGGTCACTTCG	288
Db	326	GGGTCAACACTGTGGCCACCAAGACCGTGGAGAGCGGAGAACATCGCGGTCACTTCG	385
QY	289	GGGTGTGTGGCAAGGAGCTTGAAGGCCATCTGGCCCCCAACAGAGGGGTGAGCATCCA	348
Db	386	GGGTGTGTGGCAAGGAGCTTGAAGGCCATCTGGCCCCCAACAGAGGGGTGAGCATCCA	445
QY	349	AAGAGAAAGAGGAAAGTGGCAGAGAGGCCCAGAGTGGGGAGACTTGAAGGCTTACAGGCC	408
Db	446	AAGAGAAAGAGGAAAGTGGCAGAGAGGCCCAGAGTGGGGAGACTTGAAGGCTTACAGGCC	505
QY	409	AGCGTGATGACCTGAAGAAGCGCTCCTCTGTCTTGGACACCATCCCTCTTACACAAGG	468
Db	506	AGCGTGATGACCTGAAGAAGCGCTCCTCTGTCTTGGACACCATCCCTCTTACACAAGG	565
QY	469	AGTGCCGCGCTTGAAGTGAATTCGG	493
Db	566	AGTGCCGCGCTTGAAGTGAATTCGG	590

```

RESULT 5
US-09-918-995-2705
Sequence 2705, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2705
LENGTH: 479
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(479)
OTHER INFORMATION: n = A,T,C or G
US-09-918-995-2705

```

Query Match	66.9%	Score 368;	DB 10;	Length 479;
Best Local Similarity	99.8%	Pred. No. 2.3e-180;		
Matches 418; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

Oy	59	GGGTCGGGTGGAAAAGACCAAGCAGGGGGTGCAGGAAGCAGTGTGAGAACCAACCAAGAGGG	11.8
Db	61	GGGTCCGGTGGAAAAGACCAAGCAGGGGGTGCAGGAAGCAGTGTGAGAACCAACCAAGAGGG	12.0
Oy	119	GGTCATGTATGTGGAGCCAAAGACCAAGAGAGATGTTGTACAGAGCGTACCTCAAGTGC	17.8
Db	121	GGTCATGTATGTGGAGCCAAAGACCAAGAGAGATGTTGTACAGAGCGTACCTCAAGTGC	18.0
Oy	179	CGAGAAAGCCAAAGGACAGGCCAAGCGCGGTGACCAAGGCTGTGGTACGAGCGCTCAACAC	23.8
Db	181	CGAGAAAGCCAAAGGACAGGCCAAGCGCGGTGACCAAGGCTGTGGTACGAGCGCTCAACAC	24.0
Oy	239	TGTGGCCACCAAGACCGTGGAGAGAGCGGAGAACATCGCGGTCACTCTCGGGGTGTGCG	29.8

Db	24	TTGGCCACAAGACCGTGAGGAGGCGGAGAAATCGCGGTCACTCCGGGGTGTGGCG	300
Qy	299	CAAGGAGGACTTGAAGCCCAATCTGGCCCCCAACGAGGGTGAAGCATCCAAAGAGAAAGA	358
Db	301	CAAGGAGGACTTGAAGCCCAATCTGGCCCCCAACGAGGGGTGAAGCATCCAAAGAGAAAGA	360
Qy	359	GGAGGTGGAGAGGAGGCCCAAGTGGGGGAGACATAGAGGGCTACAGGCCAGCGCTGATG	418
Db	361	GGAGGTGGAGAGGAGGCCCAAGTGGGGGAGACATAGAGGGCTACAGGCCAGCGCTGATG	420
Qy	419	ACCTGAAGAGCGCTCTCTGCTTGGACACATATCCCTCTAGACAGAGGATGCCGC	477
Db	421	ACCTGAAGAGCGCTCTCTGCTTGGACACATATCCCTCTAGACAGAGGATGCCGC	479

```

RESULT 6
US-10-097-340-297
; Sequence 297, Application US/10097340
; Publication No. US20030087250a1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNANAVARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAMATSKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, JR.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification
; OF Tumor Infection: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 297
; LENGTH: 720
; TYPE: DNA
; ORGANISM: Homo sapiens
;S-10-097-340-297

```

Query Match	53.1%	Score 292;	DB 15;	Length 720;
Best Local Similarity	99.3%	Pred. No. 5.2e-141;		
Matches 442; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

QY	49	AGGGCGTGGTGGGTCCGGTGGAAAAGACCAAGCAGGGGGTATCCGAAAGCAGCTAGAAGA	108
	86	AGGGCGTGGTGGGTCCGGTGGAAAAGACCAAGCAGGGGGTATCCGAAAGCAGCTAGAAGA	145
Db			
QY	109	CCAAGAGGGGGTCAATGTATGTGGGAGCCAAAGCAAGAAATGTTGTACAGACGCTGA	168

Db	146	CCAAAGGAGGGGGCTCATGTATGTGGAGGCCAAGACCAAGAGAAATGTTGTA	CAGAGCGTGA	209
OY	169	CTCTAGTGGCCCGAAGAAAGCCAAAGAGCAGAGCCAAACGCGTGTAGCA	AGGCTGTGTGTGCA	228
Db	206	CCTCAGTGGCCGAGAAGAACAAAGGAGCAGAGGCCAACGCGGTGAGCA	GTGTGTGTGCA	265
OY	229	GGCTCAAACTGTGGGCAACCAAGACCGTGGAGAGAGCGGGAACATGGCGGTCA	CGGTCACTTCG	288
Db	266	GGCTCAAACTGTGGGCAACCAAGACCGTGGAGAGAGCGGGAACATGGCGGTCA	CGGTCACTTCG	325
OY	289	GGGTGTGTGGCAAGAGAGCACTTGAAGGCATCTGCCCCCAACAGAGAGGTGAGG	ATCCCA	348
Db	326	GGGTGTGTGGCAAGAGAGCACTTGAAGGCATCTGCCCCCAACAGAGAGGTGAGG	ATCCCA	385
OY	349	AAGAGAAAGAGAAAGTGCGAGAGAGGCCCAAGATGGGGAGACTTAAGAGGCTTA	CAGAGCC	408
Db	386	AAGAGAAAGAGAAAGTGCGAGAGAGGCCCAAGATGGGGAGACTTAAGAGGCTTA	CAGAGCC	445
OY	409	AAGGTGAGATGACCTTAAGAGAGCGCTCTCTTGCTTTGACACCATCCCTCTTA	AGCACAAGG	468
Db	446	AGGTGAGATGACCTTAAGAGAGCGCTCTCTTGCTTTGACACCATCCCTCTTA	AGCACAAGG	505
OY	469	AGTGCACGACCTTGAAGTGCATGCGG		493
Db	506	AGTGCACGACCTTGAAGTGCATGCGG		530

RESULT 7
US-10-282-174-469
Sequence 469, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelabi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Berttram, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: PaatSeq for Windows Version 4.0
SEQ ID NO 469

```

: ORGANISM: Homo sapiens
:
: FEATURE:
:
: NAME/KEY: allele
:
: LOCATION: 30,57,85,243,250,377,512,531,555,561,67222
:
: OTHER INFORMATION: N is any
:
US-10-282-174-469

```

Query Match 49.6%; Score 273; DB 13; Length 720;

;; PRIOR FILING DATE: 2001-10-25
;; PRIOR APPLICATION NUMBER: US 60/338,010
;; PRIOR FILING DATE: 2001-11-08
;; PRIOR APPLICATION NUMBER: US 60/336,929
;; PRIOR FILING DATE: 2001-11-08
;; PRIOR APPLICATION NUMBER: US 60/338,363
;; PRIOR FILING DATE: 2001-11-09
;; PRIOR APPLICATION NUMBER: US 60/337,052
;; PRIOR FILING DATE: 2001-12-04
;; PRIOR APPLICATION NUMBER: US 60/368,919
;; PRIOR FILING DATE: 2002-03-28
;; NUMBER OF SEQ ID NOS: 564
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 72
;; LENGTH: 5666
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-282-174-72

Query Match 22.0%; Score 121; DB 13; Length 5666;
Best Local Similarity 100.0%; Pred. No. 1.7e-52;
Matches 121; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 373 AGGCCAGAGTGGGGAGACTAGAGGGCTTACAGGCCAGCGTGATGACCTGAAGCGCT 432
DB 4874 AGGCCAGAGTGGGGAGACTAGAGGGCTTACAGGCCAGCGTGATGACCTGAAGCGCT 4933
QY 433 CCTGTGCTTGGACACCATCCCTCTTACACAAAGAGTGGCCGCTTGTAGTGAATGCG 492
DB 4934 CCTGTGCTTGGACACCATCCCTCTTACACAAAGAGTGGCCGCTTGTAGTGAATGCG 4993
QY 493 G 493
DB 4994 G 4994

RESULT 11
US-10-282-174-73
;; Sequence 73, Application US/10282174
;; Publication No. US20030224380A1
;; GENERAL INFORMATION:
;; APPLICANT: Becker, Kenneth David
;; APPLICANT: Velicelebi, Gonul
;; APPLICANT: Elliott, Kathryn J.
;; APPLICANT: Wang, Xin
;; APPLICANT: Tanzi, Rudolph E.
;; APPLICANT: Bertram, Lars
;; APPLICANT: Saunders, Aleister J.
;; APPLICANT: Mullin, Kristina M.
;; APPLICANT: Sampson, Andrew Johnson
;; APPLICANT: Blacker, Deborah Lynne
;; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
;; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
;; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
;; FILE REFERENCE: 37481-3308
;; CURRENT APPLICATION NUMBER: US/10/282,174
;; CURRENT FILING DATE: 2002-10-25
;; PRIOR APPLICATION NUMBER: US 60/339,525
;; PRIOR FILING DATE: 2001-10-25
;; PRIOR APPLICATION NUMBER: US 60/338,010
;; PRIOR FILING DATE: 2001-11-08
;; PRIOR APPLICATION NUMBER: US 60/336,929
;; PRIOR FILING DATE: 2001-11-08
;; PRIOR APPLICATION NUMBER: US 60/338,363
;; PRIOR FILING DATE: 2001-11-09
;; PRIOR APPLICATION NUMBER: US 60/337,052
;; PRIOR FILING DATE: 2001-12-04
;; PRIOR APPLICATION NUMBER: US 60/368,919
;; PRIOR FILING DATE: 2002-03-28
;; NUMBER OF SEQ ID NOS: 564
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 73
;; LENGTH: 5666

;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: allele
;; LOCATION: 560,590,617,645,915,987,1723,1943,1950,3151,3178,3189,3284,
;; LOCATION: 4376,4311,4552,4995,5019,5025,5112,5136,5421,5648,5517
;; OTHER INFORMATION: N is any
;; FEATURE:
;; NAME/KEY: allele
;; LOCATION: 3779
;; OTHER INFORMATION: deletion: T
;; FEATURE:
;; NAME/KEY: allele
;; LOCATION: 4156
;; OTHER INFORMATION: insertion following nucleotide 4155
;; FEATURE:
;; NAME/KEY: allele
;; LOCATION: 4976
;; OTHER INFORMATION: deletion: C
US-10-282-174-73

Query Match 22.0%; Score 121; DB 13; Length 5666;
Best Local Similarity 100.0%; Pred. No. 1.7e-52;
Matches 121; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 373 AGGCCAGAGTGGGGAGACTAGAGGGCTTACAGGCCAGCGTGATGACCTGAAGCGCT 432
DB 4874 AGGCCAGAGTGGGGAGACTAGAGGGCTTACAGGCCAGCGTGATGACCTGAAGCGCT 4933
QY 433 CCTGTGCTTGGACACCATCCCTCTTACACAAAGAGTGGCCGCTTGTAGTGAATGCG 492
DB 4934 CCTGTGCTTGGACACCATCCCTCTTACACAAAGAGTGGCCGCTTGTAGTGAATGCG 4993
QY 493 G 493
DB 4994 G 4994

RESULT 12
US-10-267-849-1
;; Sequence 1, Application US/10267849
;; Publication No. US20030087824A1
;; GENERAL INFORMATION:
;; APPLICANT: Ji, Hongjun
;; APPLICANT: Rosen, Craig A.
;; TITLE OF INVENTION: Breast Cancer Specific Gene 2
;; FILE REFERENCE: 1488.0810001
;; CURRENT APPLICATION NUMBER: US/10/267,849
;; CURRENT FILING DATE: 2002-10-10
;; PRIOR APPLICATION NUMBER: US/08/673,284
;; PRIOR FILING DATE: 1996-06-28
;; PRIOR APPLICATION NUMBER: US 60/000,602
;; PRIOR FILING DATE: 1995-06-30
;; NUMBER OF SEQ ID NOS: 45
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 1
;; LENGTH: 786
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-267-849-1

Query Match 20.0%; Score 110; DB 15; Length 786;
Best Local Similarity 100.0%; Pred. No. 1.1e-46;
Matches 110; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 49 AGGCCGTGTGGTGGCTGGCTGGAAGAACCAAGCAGGGGGTGACCGAGACAGCTGAGAGA 108
DB 132 AGGCCGTGTGGTGGCTGGCTGGAAGAACCAAGCAGGGGGTGACCGAGACAGCTGAGAGA 191
QY 109 CCAAGAGAGGGGGTATGTATGTGGAGCCAAAGCAAGAGGAATGTTGTA 158
DB 192 CCAAGAGAGGGGGTATGTATGTGGAGCCAAAGCAAGAGGAATGTTGTA 241

```
RESULT 13
US-10-240-425-388
; Sequence 388, Application US/10240425
; Publication No. US20040033502A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Amanda
; APPLICANT: Boland, Joseph F.
; APPLICANT: Lord, Reginald V.
; APPLICANT: Alvarez, Chris
; APPLICANT: Wetzel, Jon C.
; APPLICANT: Scherf, Uwe
; APPLICANT: Vockley, Joseph G.
; TITLE OF INVENTION: Gene Expression Profiles in Esophageal Tissue
; FILE REFERENCE: 44921-5026
; CURRENT APPLICATION NUMBER: US/10/240.425
; PRIOR FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: PCT/US01/09847
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/193,446
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 1588
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 388
; LENGTH: 4606
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20040033502A1 AF044311
US-10-240-425-388

Query Match      18.5%; Score 102; DB 13; Length 4606;
Best Local Similarity 100.0%; Pred. No. 1.2e-42;
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      373 AGGCCCAAGTGGGGAGACTAGAGGGCTACAGGCGACGCTGATGACCTGAAGAGCGCT 432
Db      4312 AGGCCCAAGTGGGGAGACTAGAGGGCTACAGGCGCGATGATGACCTGAAGAGCGCT 4371
Qy      433 CCTGTGCTTGAGACACATCCCTCTCTAGACAAGAGTGC 474
Db      4372 CCTGTGCTTGAGACACATCCCTCTCTAGACAAGAGTGC 4413

RESULT 14
US-10-282-174-483
; Sequence 483, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertiam, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282.174
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
```

```
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 483
; LENGTH: 6012
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-282-174-483
```

```
Query Match      18.5%; Score 102; DB 13; Length 6012;
Best Local Similarity 100.0%; Pred. No. 1.2e-42;
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      373 AGGCCCAAGTGGGGAGACTAGAGGGCTACAGGCGACGCTGATGACCTGAAGAGCGCT 432
Db      5221 AGGCCCAAGTGGGGAGACTAGAGGGCTACAGGCGCGATGATGACCTGAAGAGCGCT 5280
Qy      433 CCTGTGCTTGAGACACATCCCTCTCTAGACAAGAGTGC 474
Db      5281 CCTGTGCTTGAGACACATCCCTCTCTAGACAAGAGTGC 5322
```

```
RESULT 15
US-10-029-386-23457/c
; Sequence 23457, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GI
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AROMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029.386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 23457
; LENGTH: 137
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR10.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.9
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 4.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 6.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.4
; OTHER INFORMATION: SWISSPROT HIT: 076070, EVALUE 6.00e-06
; OTHER INFORMATION: EST HUMAN HIT: B1457851.1, EVALUE 6.00e-69
; OTHER INFORMATION: NT HIT: AF044311.1, EVALUE 4.00e-69
US-10-029-386-23457
```

```
Query Match      16.4%; Score 90; DB 15; Length 137;
Best Local Similarity 100.0%; Pred. No. 3.1e-36;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      214 AGCGTGTGTAGACGAGCTCAACTGTGGCCACCAACGCTGAGAGGGGGAGACA 273
Db      96 AGCGTGTGTAGACGAGCTCAACTGTGGCCACCAACGCTGAGAGGGGGAGACA 37
Qy      274 TCGCGGTACCTCCGGGGTGTGTGCGCAAG 303
Db      36 TCGCGGTACCTCCGGGGTGTGTGCGCAAG 7
```

```
Search completed: May 24, 2004, 14:21:28
Job time : 294 secs
```

This Page Blank (uspto)

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: May 20, 2004, 14:41:29 ; Search time 23 Seconds
(without alignments)
285.065 Million cell updates/sec

Title: US-09-017-715A-2

Perfect score: 610
Sequence: 1 MDVFKKGFISIAKKGVAVGAVE.....EGEASKEKEVAEQAQSGD 127Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/prodata/2/1aa/5A_COMB.pep:*
- 2: /cgn2_6/prodata/2/1aa/5B_COMB.pep:*
- 3: /cgn2_6/prodata/2/1aa/6A_COMB.pep:*
- 4: /cgn2_6/prodata/2/1aa/6B_COMB.pep:*
- 5: /cgn2_6/prodata/2/1aa/6CTUS_COMB.pep:*
- 6: /cgn2_6/prodata/2/1aa/Backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	610	100.0	127	3	US-08-705-771-12 Sequence 12, Appl
2	610	100.0	127	4	US-09-417-540-12 Sequence 12, Appl
3	316.5	51.9	140	3	US-09-405-035-4 Sequence 4, Appl
4	311.5	51.1	140	3	US-09-405-035-3 Sequence 3, Appl
5	308.5	50.6	140	3	US-09-405-035-2 Sequence 2, Appl
6	307.5	50.4	140	3	US-09-405-035-1 Sequence 1, Appl
7	307.5	50.4	140	5	PCT-US94-09789-2 Sequence 2, Appl
8	177	29.0	54	4	US-09-621-976-4469 Sequence 4469, Ap
9	95	15.6	242	4	US-09-543-681A-5933 Sequence 5933, Ap
10	94	15.4	540	3	US-08-973-462-22 Sequence 22, Appl
11	94	15.4	564	2	US-08-216-894-2 Sequence 2, Appl
12	94	15.4	643	2	US-09-115-746-2 Sequence 2, Appl
13	94	15.4	643	2	US-08-216-894-8 Sequence 8, Appl
14	94	15.4	1786	3	US-09-115-746-8 Sequence 8, Appl
15	94	15.4	1786	3	US-08-973-462-8 Sequence 8, Appl
16	92.5	15.2	928	4	US-09-134-000C-6590 Sequence 6590, Ap
17	92	15.1	1346	4	US-08-635-121-2 Sequence 2, Appl
18	92	15.1	1466	4	US-08-978-277A-2 Sequence 2, Appl
19	92	15.1	1596	4	US-08-978-277A-4 Sequence 2, Appl
20	90	14.8	212	3	US-08-973-462-25 Sequence 25, Appl
21	90	14.8	630	3	US-08-973-462-9 Sequence 9, Appl
22	89.5	14.7	162	3	US-09-068-140A-2 Sequence 2, Appl
23	89.5	14.7	173	3	US-09-068-140A-13 Sequence 13, Appl
24	88.5	14.5	1430	3	US-09-008-172-2 Sequence 2, Appl
25	88.5	14.5	1430	3	US-09-210-361-6 Sequence 6, Appl
26	88.5	14.5	1430	4	US-09-740-274-6 Sequence 6, Appl
27	88	14.4	718	4	US-09-540-236-2753 Sequence 2753, Ap

28	86.5	14.2	223	4	US-09-134-000C-5983 Sequence 5983, Ap
29	86.5	14.2	427	4	US-09-134-001C-5143 Sequence 5143, Ap
30	86.5	14.2	1541	3	US-08-296-791-3 Sequence 3, Appl
31	86.5	14.2	1541	4	US-09-839-996-3 Sequence 3, Appl
32	86.5	14.2	1541	4	US-10-080-505-3 Sequence 3, Appl
33	86.5	14.2	1541	5	PCT-US95-10661A-3 Sequence 3, Appl
34	86.5	14.2	1545	3	US-08-296-791-4 Sequence 4, Appl
35	86.5	14.2	1545	4	US-09-839-996-4 Sequence 4, Appl
36	86.5	14.2	1545	4	US-10-080-505-4 Sequence 4, Appl
37	86.5	14.2	1545	5	PCT-US95-10661A-4 Sequence 4, Appl
38	86	14.1	464	4	US-09-134-000C-5754 Sequence 5754, Ap
39	85	13.9	1572	4	US-09-562-702A-32 Sequence 32, Appl
40	85	13.9	1572	4	US-09-561-818A-28 Sequence 28, Appl
41	85	13.9	1605	4	US-09-562-702A-30 Sequence 30, Appl
42	85	13.9	1605	4	US-09-561-818A-26 Sequence 26, Appl
43	84.5	13.9	1605	4	US-09-134-000C-4057 Sequence 4057, Ap
44	84.5	13.9	795	4	US-09-107-532A-5429 Sequence 5429, Ap
45	84	13.8	801	4	US-09-388-743-26 Sequence 26, Appl

ALIGNMENTS

RESULT 1
US-08-705-771-12
Sequence 12, Application US/08705771
Patent No. 6054289
GENERAL INFORMATION:
APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
APPLICANT: Jian Ni and Jing-Shan Hu
TITLE OF INVENTION: Human Genes, Sequences and
TITLE OF INVENTION: Expression Products
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSES: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSES: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/705,771
FILING DATE: August 30, 1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33, 073
REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1700
TELEFAX: 973-994-1744
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-705-771-12

Query Match 100.0%; Score 610; DB 3; Length 127;
Best Local Similarity 100.0%; Pred. No. 1e-56;
Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDVFKKGFISIAKKGVAVGAVEKTGGTEAEKTKGKGVAVGAKTKENVVQSVTSVAEKT 60
DB 1 MDVFKKGFISIAKKGVAVGAVEKTGGTEAEKTKGKGVAVGAKTKENVVQSVTSVAEKT 60

QY 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
 DB 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
 QY 121 EAOSGSD 127
 DB 121 EAOSGSD 127

RESULT 2

US-09-417-540-12
 ; Sequence 12, Application US/09417540
 ; Patent No. 6639052

GENERAL INFORMATION:

APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
 Jian Ni and Jing-Shan Hu
 TITLE OF INVENTION: Human Genes, Sequences and
 Expression Products
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARBELL, BYRNE, BAIN, GILFILLIAN,
 CECCHI, STEWART & OLSTEIN
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/417,540
 FILING DATE: 14-Oct-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/705,771
 FILING DATE: August 30, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE/DOCKET NUMBER: 325800-346 (PF196)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 973-994-1700
 TELEFAX: 973-994-1744

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:
 LENGTH: 127 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 12:
 US-09-417-540-12

Query Match 100.0%; Score 61.0; DB 4; Length 127;
 Best Local Similarity 100.0%; Pred. No. 1e-56;
 Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVFKKGSIAKGGVAVGAVTEKTKGQVTEAAEKTREGVMTVGAKTKENVVQSVTSVAEKT 60
 DB 1 MDVFKKGSIAKGGVAVGAVTEKTKGQVTEAAEKTREGVMTVGAKTKENVVQSVTSVAEKT 60
 QY 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
 DB 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
 QY 121 EAOSGSD 127
 DB 121 EAOSGSD 127

RESULT 3

US-09-405-035-4

; Sequence 4, Application US/09405035
 ; Patent No. 6184351

GENERAL INFORMATION:

APPLICANT: Biere, Anja Leona
 APPLICANT: Clifton, Martin
 TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
 TITLE OF INVENTION: ALPHA-SYNUCLEIN AGGREGATION
 FILE REFERENCE: A-565
 CURRENT APPLICATION NUMBER: US/09/405,035
 CURRENT FILING DATE: 1999-09-24
 EARLIER APPLICATION NUMBER: 60/101,862
 EARLIER FILING DATE: 1998-09-25
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 4
 LENGTH: 140
 TYPE: PRT
 ORGANISM: ADULT HUMAN BRAIN

US-09-405-035-4

Query Match 51.9%; Score 316.5; DB 3; Length 140;
 Best Local Similarity 63.6%; Pred. No. 7.8e-26;
 Matches 70; Conservative 10; Mismatches 27; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGGVAVGAVTEKTKGQVTEAAEKTREGVMTVGAKTKENVVQSVTSVAEKT 60
 DB 1 MDVFKKGSIAKGGVAVGAVTEKTKGQVTEAAEKTREGVMTVGAKTKENVVQSVTSVAEKT 60
 QY 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
 DB 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120

RESULT 4

US-09-405-035-3
 ; Sequence 3, Application US/09405035
 ; Patent No. 6184351

GENERAL INFORMATION:

APPLICANT: Biere, Anja Leona
 APPLICANT: Clifton, Martin
 TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
 TITLE OF INVENTION: ALPHA-SYNUCLEIN AGGREGATION
 FILE REFERENCE: A-565
 CURRENT APPLICATION NUMBER: US/09/405,035
 CURRENT FILING DATE: 1999-09-24
 EARLIER APPLICATION NUMBER: 60/101,862
 EARLIER FILING DATE: 1998-09-25
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 3
 LENGTH: 140
 TYPE: PRT
 ORGANISM: ADULT HUMAN BRAIN

US-09-405-035-3

Query Match 51.1%; Score 311.5; DB 3; Length 140;
 Best Local Similarity 62.7%; Pred. No. 2.6e-25;
 Matches 69; Conservative 10; Mismatches 28; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGGVAVGAVTEKTKGQVTEAAEKTREGVMTVGAKTKENVVQSVTSVAEKT 60
 DB 1 MDVFKKGSIAKGGVAVGAVTEKTKGQVTEAAEKTREGVMTVGAKTKENVVQSVTSVAEKT 60
 QY 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
 DB 61 EQANAVSKAVSSVNTVATKTEBEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120

RESULT 5

US-09-405-035-2
 ; Sequence 2, Application US/09405035
 ; Patent No. 6184351


```

; GENERAL INFORMATION:
; APPLICANT: Biere, Anja Leona
; APPLICANT: Citron, Martin
; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
; FILE REFERENCE: A-565
; CURRENT APPLICATION NUMBER: US/09/405,035
; CURRENT FILING DATE: 1999-09-24
; EARLIER APPLICATION NUMBER: 60/101,862
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 140
; TYPE: PRT
; ORGANISM: ADULT HUMAN BRAIN
; US-09-405-035-2

Query Match      50.6%; Score 308.5; DB 3; Length 140;
Best Local Similarity 61.8%; Pred. No. 5.4e-25;
Matches 68; Conservative 11; Mismatches 28; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVTEKQGVTEAAEKTKEGVMYVGAKTENYVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAVTEKQGVTEAAEKTKEGVMYVGAKTENYVQSVTSVAEKT 60
QY 61 EQANAVSKAVSVNTVATKTYEEAENIAVTSVGRKEDL--RSAPQ 107
DB 61 EQVTVGAVVTVGTVAAVAKTVGAGSIAVAVGFVKQQLGNREGAPQE 110

RESULT 6
US-09-405-035-1
; Sequence 1, Application US/09405035
; Patent No. 6184351
; GENERAL INFORMATION:
; APPLICANT: Biere, Anja Leona
; APPLICANT: Citron, Martin
; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
; FILE REFERENCE: A-565
; CURRENT APPLICATION NUMBER: US/09/405,035
; CURRENT FILING DATE: 1999-09-24
; EARLIER APPLICATION NUMBER: 60/101,862
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 140
; TYPE: PRT
; ORGANISM: ADULT HUMAN BRAIN
; US-09-405-035-1

Query Match      50.4%; Score 307.5; DB 3; Length 140;
Best Local Similarity 61.8%; Pred. No. 6.9e-25;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVTEKQGVTEAAEKTKEGVMYVGAKTENYVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAVTEKQGVTEAAEKTKEGVMYVGAKTENYVQSVTSVAEKT 60
QY 61 EQANAVSKAVSVNTVATKTYEEAENIAVTSVGRKEDL--RSAPQ 107
DB 61 EQVTVGAVVTVGTVAAVAKTVGAGSIAVAVGFVKQQLGNREGAPQE 110

RESULT 7
PCT-US94-09789-2
; Sequence 2, Application PC/TUS9409789
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: NOVEL COMPONENT OF AMYLOID IN
; TITLE OF INVENTION: ALZHEIMER'S DISEASE AND METHODS FOR USE OF SAME
```

```

; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09789
; FILING DATE: 29-AUG-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Howells, Stacy L.
; REGISTRATION NUMBER: 34,842
; REFERENCE/DOCKET NUMBER: PD-3520
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 140 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: MACP
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..140
; PCT-US94-09789-2

Query Match      50.4%; Score 307.5; DB 5; Length 140;
Best Local Similarity 61.8%; Pred. No. 6.9e-25;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVTEKQGVTEAAEKTKEGVMYVGAKTENYVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAVTEKQGVTEAAEKTKEGVMYVGAKTENYVQSVTSVAEKT 60
QY 61 EQANAVSKAVSVNTVATKTYEEAENIAVTSVGRKEDL--RSAPQ 107
DB 61 EQVTVGAVVTVGTVAAVAKTVGAGSIAVAVGFVKQQLGNREGAPQE 110

RESULT 8
US-09-621-976-4469
; Sequence 4469, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 4469
; LENGTH: 54
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-621-976-4469

Query Match      29.0%; Score 177; DB 4; Length 54;
Best Local Similarity 81.4%; Pred. No. 9.6e-12;
```

```

Oy      9  SIAGKGVAAGAEKTKOGYTEA-AEKTREGVA-YGAAKTKEVVOSVT-----SVAEKTKE 61
      | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      164 SVASVAPSVAESVEENVEESVALENVEESVALENVEESVALENVEESVALENVEESVALENVE 223
      | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

Oy      62 Q-ANASAKVSSVNTVATKTVEE-----AENIAVTSGVVRKEDLRPSAPQ-----OEG 109
      | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      224 SVANVEESVAENVEEIVAPTVEEIVAPTVEEIVAPSVV---ESVAPSVESVEENVEES 280
      | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

Oy      110 EASKEKEVAEEAQ 123
      | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      281 VAENVEESVAENVE 294
      | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

RESULT 11
US-08-216-894-2
; Sequence 2, Application US/08216894
; Patent No. 5876734
; GENERAL INFORMATION:
; APPLICANT: Kirchhoff, Louis V.
; APPLICANT: Otsu, Keiko
; TITLE OF INVENTION: POLYPEPTIDES FOR DIAGNOSING INFECTION
; TITLE OF INVENTION: WITH TRIPANOSOMA CRUZI
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/216,894
; FILING DATE: 24-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 85326/102/DRL0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 564 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-216-894-2

Query Match      15.4%; Score 94; DB 2; Length 564;
Best Local Similarity 31.2%; Pred. No. 0.13;
Matches 34; Conservative 12; Mismatches 57; Indels 6; Gaps 2;

Oy      18 AVEKTKGVGEA-----AEKTKEGVMVVGAKTKENNVQSVTSVAEKTKEQANAVSKAVS 72
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      339 AVEIEKQRAAEATVVAEAEKRAAEAAKAVETEKQRAAEATVVAEAEKQRAAEAAKAVET 398
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Oy      73 SVNTVATKT-VEEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      399 EKQRAAEATVVAEAEKQRAAEAMKVVAEAEKQKAAEATKVVAEAEKQKAAE 447
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 12
US-09-115-746-2
; Sequence 2, Application US/09115746
; Patent No. 6228601
; GENERAL INFORMATION:
; APPLICANT: Kirchhoff, Louis V.
; APPLICANT: Otsu, Keiko
;

```

TITLE OF INVENTION: POLYPEPTIDES FOR DIAGNOSING INFECTION
TITLE OF INVENTION: WITH TRYPANOSOMA CRUZI
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/115,746
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/216,894
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 85326/102/DRLO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 564 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-115-746-2

Query Match 15.4%; Score 94; DB 3; Length 564;
Best Local Similarity 31.2%; Pred. No. 0.13;
Matches 34; Conservative 12; Mismatches 57; Indels 6; Gaps 2;

Qy 18 AVEKTKQGVTEA-----AEKTEGVWYVGAKTKENVVOSTVSAEKTKEQANAVSKAVYS 72
Db 339 AVETEKQRAAEATKVAEAEKRAAEAKAVETEKQRAAEATKVAEAEKQAAEAKAVET 398

Qy 73 SVNTVATKT-VEEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
Db 399 EKQRAAEATKVAEAEKQRAAEAKVAEAEKQAAEATKVAEAEKQAAE 447

RESULT 13
US-08-216-894-8
Sequence 8, Application US/08216894
Patent No. 5876734
GENERAL INFORMATION:
APPLICANT: Kirchhoff, Louis V.
ATTORNEY/AGENT INFORMATION:
NAME: Otsu, Keiko
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 85326/102/DRLO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-115-746-8

Query Match 15.4%; Score 94; DB 3; Length 643;
Best Local Similarity 31.2%; Pred. No. 0.15;
Matches 34; Conservative 12; Mismatches 57; Indels 6; Gaps 2;

Qy 18 AVEKTKQGVTEA-----AEKTEGVWYVGAKTKENVVOSTVSAEKTKEQANAVSKAVYS 72
Db 339 AVETEKQRAAEATKVAEAEKRAAEAKAVETEKQRAAEATKVAEAEKQAAEAKAVET 398

Qy 73 SVNTVATKT-VEEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
Db 399 EKQRAAEATKVAEAEKQRAAEAKVAEAEKQAAEATKVAEAEKQAAE 447

RESULT 14
US-09-115-746-8
Sequence 8, Application US/09115746
Patent No. 6228601
GENERAL INFORMATION:
APPLICANT: Kirchhoff, Louis V.
ATTORNEY/AGENT INFORMATION:
NAME: Otsu, Keiko
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 85326/102/DRLO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-115-746-8

Query Match 15.4%; Score 94; DB 3; Length 643;

ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 85326/102/DRLO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-216-894-8

Query Match 15.4%; Score 94; DB 2; Length 643;
Best Local Similarity 31.2%; Pred. No. 0.15;
Matches 34; Conservative 12; Mismatches 57; Indels 6; Gaps 2;

Qy 18 AVEKTKQGVTEA-----AEKTEGVWYVGAKTKENVVOSTVSAEKTKEQANAVSKAVYS 72
Db 339 AVETEKQRAAEATKVAEAEKRAAEAKAVETEKQRAAEATKVAEAEKQAAEAKAVET 398

Qy 73 SVNTVATKT-VEEAENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
Db 399 EKQRAAEATKVAEAEKQRAAEAKVAEAEKQAAEATKVAEAEKQAAE 447

RESULT 14
US-09-115-746-8
Sequence 8, Application US/09115746
Patent No. 6228601
GENERAL INFORMATION:
APPLICANT: Kirchhoff, Louis V.
ATTORNEY/AGENT INFORMATION:
NAME: Otsu, Keiko
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 85326/102/DRLO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-115-746-8

Query Match 15.4%; Score 94; DB 3; Length 643;

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: May 20, 2004, 14:41:29 ; Search time 44 Seconds
(without alignments)
805.069 Million cell updates/sec

Title: US-09-017-715A-2
Perfect score: 610
Sequence: 1 MDVFKGSRISAKGVAVGAVE.....EGEASKEKEVNAEQAQSGD 127

Scoring table:
Gapop 10.0 , Gapext 0.5

Searched: 1149313 seqs, 278921704 residues
Total number of hits satisfying chosen parameters: 1149313

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA.*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PTCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/PTCT_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09C_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	610	100.0	127	US-10-453-478-12	Sequence 12, Appl
2	602	98.7	163	US-09-925-298-589	Sequence 589, App
3	602	98.7	163	US-10-102-806-589	Sequence 589, App
4	595	97.5	127	US-10-097-340-298	Sequence 298, App
5	316.5	51.9	140	US-10-039-413-4	Sequence 4, Appl
6	311.5	51.1	140	US-10-039-413-3	Sequence 3, Appl
7	308.5	50.6	140	US-10-039-413-2	Sequence 2, Appl
8	307.5	50.4	138	US-10-077-584-2	Sequence 2, Appl
9	307.5	50.4	140	US-09-904-987-4	Sequence 4, Appl
10	307.5	50.4	140	US-10-039-413-1	Sequence 1, Appl
11	307.5	50.4	140	US-10-301-488A-54	Sequence 54, Appl
12	307.5	50.4	140	US-10-445-366-17	Sequence 17, Appl
13	307.5	50.4	140	US-10-223-978-7	Sequence 7, Appl
14	304.5	49.9	140	US-10-112-944-255	Sequence 255, App
15	267.5	43.9	140	US-10-301-488A-55	Sequence 55, Appl

15	140	23.0	32	14	US-10-223-978-3	Sequence 3, Appl
17	117.5	19.3	473	12	US-10-424-599-224336	Sequence 224336, A
18	117	19.2	30	9	US-09-864-761-47813	Sequence 47813, A
19	114.5	18.8	346	12	US-10-425-114-44178	Sequence 44178, A
20	114.5	18.8	458	12	US-10-424-599-224334	Sequence 224334, A
21	114.5	18.8	464	12	US-10-425-114-45710	Sequence 45710, A
22	111	18.2	448	14	US-10-342-224-82	Sequence 82, Appl
23	111	18.2	448	14	US-10-171-404A-20	Sequence 404A, Appl
24	109	17.9	47	9	US-09-864-761-45900	Sequence 45900, A
25	103	16.9	202	12	US-10-424-599-259159	Sequence 259159, A
26	98	16.1	129	10	US-09-815-242-11228	Sequence 11228, A
27	98	16.1	139	10	US-09-820-843A-65	Sequence 65, Appl
28	98	16.1	136	10	US-09-820-843A-66	Sequence 66, Appl
29	98	16.1	585	16	US-10-389-566-1145	Sequence 1145, Ap
30	97.5	16.0	178	12	US-10-424-599-164167	Sequence 164167, A
31	95.5	15.7	1665	12	US-10-282-122A-71690	Sequence 71690, A
32	94	15.4	540	9	US-09-742-096-22	Sequence 22, Appl
33	94	15.4	1786	9	US-09-742-096-3	Sequence 3, Appl
34	94	15.4	1787	12	US-10-415-253-2	Sequence 2, Appl
35	93.5	15.3	1258	14	US-10-156-761-10395	Sequence 10395, A
36	93	15.2	498	12	US-10-424-599-196154	Sequence 196154, A
37	92.5	15.2	181	12	US-10-424-599-165513	Sequence 165513, A
38	92	15.1	407	12	US-10-282-122A-71177	Sequence 71177, A
39	92	15.1	1346	9	US-09-902-432-2	Sequence 2, Appl
40	92	15.1	1596	9	US-09-902-432-4	Sequence 4, Appl
41	92	15.1	2233	10	US-09-769-787-2	Sequence 2, Appl
42	92	15.1	26926	9	US-09-759-508B-2	Sequence 4, Appl
43	91	14.9	32	14	US-10-223-978-4	Sequence 6, Appl
44	90.5	14.8	308	14	US-10-223-978-6	Sequence 10302, A
45	90.5	14.8	508	14	US-10-156-761-10302	

ALIGNMENTS

RESULT 1
US-10-453-478-12
Sequence 12, Application US/10453478
Publication No. US20030208043A1
GENERAL INFORMATION:
APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
Jian Ni and Jing-Shan Hu
TITLE OF INVENTION: Human Genes, Sequences and
Expression Products
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSSEE: CECCHI, STEWART & OLSTEIN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/453,478
FILING DATE: 04-Jun-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/705,771
FILING DATE: August 30, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1700
TELEFAX: 973-994-1744
INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-453-478-12

Query Match 100.0%; Score 610; DB 15; Length 127;
Best Local Similarity 100.0%; Pred. No. 5,2e-49;
Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVFKKGSIAKGVGAVGVEKTKQGVTEAEAEKTKEGVMYVGAKTKENNVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAVGVEKTKQGVTEAEAEKTKEGVMYVGAKTKENNVQSVTSVAEKT 60
QY 61 EQANAVSKAVVSVNTVATKTVTEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 120
DB 61 EQANAVSKAVVSVNTVATKTVTEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 120
QY 121 EAQSGGD 127
DB 121 EAQSGGD 127

RESULT 2

US-09-925-298-589
Sequence 589, Application US/09925298
Publication No. US20020039764A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA103
CURRENT APPLICATION NUMBER: US/09/925,298
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 589
LENGTH: 163
TYPE: PRT
ORGANISM: Homo sapiens
US-09-925-298-589

Query Match 98.7%; Score 602; DB 12; Length 163;
Best Local Similarity 98.4%; Pred. No. 4e-48;
Matches 125; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVFKKGSIAKGVGAVGVEKTKQGVTEAEAEKTKEGVMYVGAKTKENNVQSVTSVAEKT 60
DB 37 MDVFKKGSIAKGVGAVGVEKTKQGVTEAEAEKTKEGVMYVGAKTKENNVQSVTSVAEKT 96
QY 61 EQANAVSKAVVSVNTVATKTVTEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 120
DB 97 EQANAVSEAVSVNTVATKTVTEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 156
QY 121 EAQSGGD 127
DB 157 EAQSGGD 163

RESULT 3

US-10-102-806-589
Sequence 589, Application US/10102806
Publication No. US20030054421A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA103P1C1
CURRENT APPLICATION NUMBER: US/10/102,806

CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/925,298
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 589
LENGTH: 163
TYPE: PRT
ORGANISM: Homo sapiens
US-10-102-806-589

Query Match 98.7%; Score 602; DB 14; Length 163;
Best Local Similarity 98.4%; Pred. No. 4e-48;
Matches 125; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVFKKGSIAKGVGAVGVEKTKQGVTEAEAEKTKEGVMYVGAKTKENNVQSVTSVAEKT 60
DB 37 MDVFKKGSIAKGVGAVGVEKTKQGVTEAEAEKTKEGVMYVGAKTKENNVQSVTSVAEKT 96
QY 61 EQANAVSKAVVSVNTVATKTVTEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 120
DB 97 EQANAVSEAVSVNTVATKTVTEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 156
QY 121 EAQSGGD 127
DB 157 EAQSGGD 163

RESULT 4

US-10-097-340-298
Sequence 298, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:

APPLICANT: Manjula GANNANAVARAPU
APPLICANT: Sebastian HORSCH
APPLICANT: Shudhangi KAMATKAR
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
APPLICANT: Michael MORRISSEY
APPLICANT: Peter OLANDT
APPLICANT: Ami SEN
APPLICANT: Peter VEIRBY
APPLICANT: Gordon B. MILLIS
APPLICANT: Robert C. BAST, Jr.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xunel ZHAO
APPLICANT: Karen GIATT

TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Assessment, Prevention, and Therapy of Ovarian Cancer

FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 298
; LENGTH: 127
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-097-340-298

```

```

Query Match      97.5%; Score 595; DB 14; Length 127;
Best Local Similarity 97.6%; Pred. No. 1.3e-47;
Matches 124; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
QY 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 120
DB 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEEVAE 120
QY 121 EAQSGGD 127
DB 121 EAQSGGD 127

```

```

RESULT 5
US-10-039-413-4

```

```

; Sequence 4, Application US/10039413
; Publication No. US20020152480A1
; GENERAL INFORMATION:
; APPLICANT: Biere, Anja Leona
; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
; FILE REFERENCE: A-565
; CURRENT APPLICATION NUMBER: US/10/039,413
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/101,862
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 140
; TYPE: PRT
; ORGANISM: ADULT HUMAN BRAIN
US-10-039-413-4

```

```

Query Match      51.9%; Score 316.5; DB 13; Length 140;
Best Local Similarity 63.6%; Pred. No. 1e-21;
Matches 70; Conservative 10; Mismatches 27; Indels 3; Gaps 1;

```

```

QY 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
QY 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQO 107
DB 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQO 107

```

```

RESULT 6
US-10-039-413-3

```

```

; Sequence 3, Application US/10039413
; Publication No. US20020152480A1
; GENERAL INFORMATION:
; APPLICANT: Biere, Anja Leona
; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
; FILE REFERENCE: A-565
; CURRENT APPLICATION NUMBER: US/10/039,413
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/101,862
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3

```

```

; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 140
; TYPE: PRT
; ORGANISM: ADULT HUMAN BRAIN
US-10-039-413-3

```

```

Query Match      51.1%; Score 311.5; DB 13; Length 140;
Best Local Similarity 62.7%; Pred. No. 2.9e-21;
Matches 69; Conservative 10; Mismatches 28; Indels 3; Gaps 1;

```

```

QY 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
QY 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQO 107
DB 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQO 107

```

```

RESULT 7
US-10-039-413-2

```

```

; Sequence 2, Application US/10039413
; Publication No. US20020152480A1
; GENERAL INFORMATION:
; APPLICANT: Biere, Anja Leona
; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
; FILE REFERENCE: A-565
; CURRENT APPLICATION NUMBER: US/10/039,413
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/101,862
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 140
; TYPE: PRT
; ORGANISM: ADULT HUMAN BRAIN
US-10-039-413-2

```

```

Query Match      50.6%; Score 308.5; DB 13; Length 140;
Best Local Similarity 61.8%; Pred. No. 5.5e-21;
Matches 68; Conservative 11; Mismatches 28; Indels 3; Gaps 1;

```

```

QY 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKKGVAVEKTKQGVTEAEKTKGKGMVYVGAKTENNVQSVTSVAEKT 60
QY 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQO 107
DB 61 EQANAVSKAVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQO 107

```

```

RESULT 8
US-10-077-584-2

```

```

; Sequence 2, Application US/10077584
; Publication No. US20030073610A1
; GENERAL INFORMATION:
; APPLICANT: LINDQUIST, SUSAN
; APPLICANT: KROBITSCH, SYLVIA
; APPLICANT: OUTEIRO, TIAGO F.
; TITLE OF INVENTION: YEAST SCREENS FOR THE TREATMENT OF HUMAN DISEASE
; FILE REFERENCE: ARCD.367US
; CURRENT APPLICATION NUMBER: US/10/077,584
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/269,157
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2

```

LENGTH: 138
TYPE: PRT
ORGANISM: Homo sapiens
US-10-077-584-2

Query Match 50.4%; Score 307.5; DB 14; Length 138;
Best Local Similarity 61.8%; Pred. No. 6.7e-21;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVEKTKQGVTEAEAKTEKGVWYVGAATKENVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAAAEKTKQGVAAAGKTEKGVLYGSKTEKGVHGVATVAEKT 60
QY 61 EQANVSKAVSSVNTVATKTVEAEANIATVSGVVRKEDL--RPSAPQ 107
DB 61 EQVTNAGAVVTGVTAVAKTVEAGSIAAATGTFVKDDQIGNNEGAPQE 110

RESULT 9
US-09-904-987-4
Sequence 4, Application US/09904987
Patent No. US20020037908A1
GENERAL INFORMATION:

APPLICANT: No. US20020037908A1acetyl, Inc.
TITLE OF INVENTION: Methods and Compositions for Controlling Pathological and Prepath
FILE REFERENCE: 42108/26146
CURRENT FILING DATE: 2001-07-12
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 140
TYPE: PRT
ORGANISM: homo sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: NCBI ENTREZ / XM_003494
DATABASE ENTRY DATE: 2001-04-16
RELEVANT RESIDUES: (1)..(140)
US-09-904-987-4

Query Match 50.4%; Score 307.5; DB 9; Length 140;
Best Local Similarity 61.8%; Pred. No. 6.9e-21;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVEKTKQGVTEAEAKTEKGVWYVGAATKENVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAAAEKTKQGVAAAGKTEKGVLYGSKTEKGVHGVATVAEKT 60
QY 61 EQANVSKAVSSVNTVATKTVEAEANIATVSGVVRKEDL--RPSAPQ 107
DB 61 EQVTNAGAVVTGVTAVAKTVEAGSIAAATGTFVKDDQIGNNEGAPQE 110

RESULT 10
US-10-039-413-1
Sequence 1, Application US/10039413
Publication No. US20020152480A1
GENERAL INFORMATION:

APPLICANT: Biere, Anja Leona
TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
FILE REFERENCE: A-565
CURRENT APPLICATION NUMBER: US/10/039,413
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 60/101,862
PRIOR FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 140
TYPE: PRT

ORGANISM: ADULT HUMAN BRAIN
US-10-039-413-1

Query Match 50.4%; Score 307.5; DB 13; Length 140;
Best Local Similarity 61.8%; Pred. No. 6.9e-21;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVEKTKQGVTEAEAKTEKGVWYVGAATKENVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAAAEKTKQGVAAAGKTEKGVLYGSKTEKGVHGVATVAEKT 60
QY 61 EQANVSKAVSSVNTVATKTVEAEANIATVSGVVRKEDL--RPSAPQ 107
DB 61 EQVTNAGAVVTGVTAVAKTVEAGSIAAATGTFVKDDQIGNNEGAPQE 110

RESULT 11
US-10-301-488A-54
Sequence 54, Application US/10301488A
Publication No. US20030166558A1
GENERAL INFORMATION:

APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
TITLE OF INVENTION: IMMUNE RESPONSE THERETO
FILE REFERENCE: 5986/1K434U51
CURRENT APPLICATION NUMBER: US/10/301,488A
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 60/331,801
PRIOR FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 54
LENGTH: 140
TYPE: PRT
ORGANISM: Homo sapiens
US-10-301-488A-54

Query Match 50.4%; Score 307.5; DB 14; Length 140;
Best Local Similarity 61.8%; Pred. No. 6.9e-21;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDVFKKGSIAKGVGAVEKTKQGVTEAEAKTEKGVWYVGAATKENVQSVTSVAEKT 60
DB 1 MDVFKKGSIAKGVGAAAEKTKQGVAAAGKTEKGVLYGSKTEKGVHGVATVAEKT 60
QY 61 EQANVSKAVSSVNTVATKTVEAEANIATVSGVVRKEDL--RPSAPQ 107
DB 61 EQVTNAGAVVTGVTAVAKTVEAGSIAAATGTFVKDDQIGNNEGAPQE 110

RESULT 12
US-10-445-366-17
Sequence 17, Application US/10445366
Publication No. US20040014142A1
GENERAL INFORMATION:

APPLICANT: Vanmechele, Eugene
APPLICANT: Vanderstichele, Hugo
TITLE OF INVENTION: Differential Diagnosis of Neurodegeneration
FILE REFERENCE: 11362.0029.DUTS01 (INNS029--1)
CURRENT APPLICATION NUMBER: US/10/445,366
CURRENT FILING DATE: 2003-05-22
PRIOR APPLICATION NUMBER: US 09/720,707
PRIOR FILING DATE: 2000-12-29
PRIOR APPLICATION NUMBER: PCT/EP 99/04483
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 98870148.8
PRIOR FILING DATE: 1998-07-03
NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn version 3.2

SEQ ID NO 17
LENGTH: 140

TYPE: PRT
ORGANISM: Homo sapiens
US-10-445-366-17

Query Match 50.4%; Score 307.5; DB 15; Length 140;
Best Local Similarity 61.8%; Pred. No. 6.9e-21;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDPFKKFSIAKGVGAEKTKGVTBAEAKTKEGVMVGAATKENVQSTVSAEKT 60
DB 1 MDPFKKGSKAKEGVAAAEKTKGVAEAGKTKGVLVSGTKEGVHGAATVAEKT 60

QY 61 EQANAASRAVSSVNTVATKTVEEAENIAVTSGVVRKEDL---RPSAPQ 107
DB 61 EQVTWVGAVVTGTAVAAGKTEGAGSIAAATGPFVKQDLGKNEBGAPOE 110

RESULT 13

US-10-223-978-7

Sequence 7, Application US/10223978
Publication No.: US20030125522A1

GENERAL INFORMATION:

APPLICANT: Atgen Co., Ltd.

APPLICANT: Kim, Jong-Sun

TITLE OF INVENTION: No. US20030125522A1 Peptides Conferring Environmental Stress Re

TITLE OF INVENTION: Proteins Including Said Peptides

FILE REFERENCE: 59520-00003

CURRENT APPLICATION NUMBER: US/10/223,978

CURRENT FILING DATE: 2002-08-20

NUMBER OF SEQ ID NOS: 37

SOFTWARE: PatentIn version 3.1

SEQ ID NO 7

LENGTH: 367

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: MISC FEATURE

LOCATION: (1)-(367)

OTHER INFORMATION: GST-Syn1-140 fusion protein

US-10-223-978-7

Query Match 50.4%; Score 307.5; DB 14; Length 367;
Best Local Similarity 61.8%; Pred. No. 2.4e-20;
Matches 68; Conservative 10; Mismatches 29; Indels 3; Gaps 1;

QY 1 MDPFKKFSIAKGVGAEKTKGVTBAEAKTKEGVMVGAATKENVQSTVSAEKT 60
DB 228 MDPFKKGSKAKEGVAAAEKTKGVAEAGKTKGVLVSGTKEGVHGAATVAEKT 287

QY 61 EQANAASRAVSSVNTVATKTVEEAENIAVTSGVVRKEDL---RPSAPQ 107
DB 288 EQVTWVGAVVTGTAVAAGKTEGAGSIAAATGPFVKQDLGKNEBGAPOE 337

RESULT 14

US-10-112-944-255

Sequence 255, Application US/10112944
Publication No. US20040048249A1

GENERAL INFORMATION:

APPLICANT: Tang, Y. Tom

APPLICANT: Yang, Yonghong

APPLICANT: Wang, Gezh

APPLICANT: Zhang, Jie

APPLICANT: Ren, Feiyan

APPLICANT: Xue, Aidong J.

APPLICANT: Wang, Jian-Rui

APPLICANT: Wehrman, Tom

APPLICANT: Ghosh, Malabika

APPLICANT: Wang, Dunrui

APPLICANT: Zhao, Qing A.

APPLICANT: Wang, Zhiwei

TITLE OF INVENTION: No. US20040048249A1 Nucleic Acids and

FILE REFERENCE: 805A

CURRENT APPLICATION NUMBER: US/10/112,944

CURRENT FILING DATE: 2002-03-28

PRIOR APPLICATION NUMBER: US 09/488,725

PRIOR FILING DATE: 2000-01-21

PRIOR APPLICATION NUMBER: US 09/491,404

PRIOR FILING DATE: 2000-01-25

PRIOR APPLICATION NUMBER: US 09/496,914

PRIOR FILING DATE: 2000-02-03

PRIOR APPLICATION NUMBER: US 09/515,126

PRIOR FILING DATE: 2000-02-28

PRIOR APPLICATION NUMBER: US 09/519,705

PRIOR FILING DATE: 2000-03-07

PRIOR APPLICATION NUMBER: US 09/540,217

PRIOR FILING DATE: 2000-03-31

PRIOR APPLICATION NUMBER: US 09/552,929

PRIOR FILING DATE: 2000-04-18

PRIOR APPLICATION NUMBER: US 09/577,408

PRIOR FILING DATE: 2000-05-18

NUMBER OF SEQ ID NOS: 924

SOFTWARE: pt_FL_genes Version 5.0

SEQ ID NO 255

LENGTH: 140

TYPE: PRT

ORGANISM: Homo sapiens

US-10-112-944-255

Query Match 49.9%; Score 304.5; DB 12; Length 140;
Best Local Similarity 60.4%; Pred. No. 1.3e-20;
Matches 67; Conservative 11; Mismatches 30; Indels 3; Gaps 1;

QY 1 MDPFKKFSIAKGVGAEKTKGVTBAEAKTKEGVMVGAATKENVQSTVSAEKT 60
DB 1 MDPFKKGSKAKEGVAAAEKTKGVAEAGKTKGVLVSGTKEGVHGAATVAEKT 60

QY 61 EQANAASRAVSSVNTVATKTVEEAENIAVTSGVVRKEDL---RPSAPQ 108
DB 61 EQVTWVGAVVTGTAVAAGKTEGAGSIAAATGPFVKQDLGKNEBGAPOE 111

RESULT 15

US-10-301-488A-55

Sequence 55, Application US/10301488A
Publication No. US2003016558A1

GENERAL INFORMATION:

APPLICANT: FRANGIONE, Blas

APPLICANT: WISNIEWSKI, Thomas

TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND

TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,

TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN

FILE REFERENCE: 5986/1K434US1

CURRENT APPLICATION NUMBER: US/10/301,488A

CURRENT FILING DATE: 2002-11-21

PRIOR APPLICATION NUMBER: US 60/331,801

PRIOR FILING DATE: 2001-11-21

NUMBER OF SEQ ID NOS: 55

SOFTWARE: PatentIn version 3.1

SEQ ID NO 55

LENGTH: 140

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc feature

LOCATION: (37)-(137)

OTHER INFORMATION: One or more of the three sets of valine residues, represented as

OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70,

```

; OTHER INFORMATION: 71, and 74, can be substituted with either all Glu, all Asp, all
; OTHER INFORMATION: Pro, or all Lys.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (40)..(40)
; OTHER INFORMATION: One or more of the three sets of valine residues, represented as
; OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 7
; OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
; OTHER INFORMATION: or all Lys.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (48)..(49)
; OTHER INFORMATION: One or more of the three sets of valine residues, represented as
; OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 7
; OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
; OTHER INFORMATION: or all Lys.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (52)..(52)
; OTHER INFORMATION: One or more of the three sets of valine residues, represented as
; OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 7
; OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
; OTHER INFORMATION: or all Lys.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (70)..(71)
; OTHER INFORMATION: One or more of the three sets of valine residues, represented as
; OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 7
; OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
; OTHER INFORMATION: or all Lys.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (74)..(74)
; OTHER INFORMATION: One or more of the three sets of valine residues, represented as
; OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 7
; OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
; OTHER INFORMATION: or all Lys.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (74)..(74)
; OTHER INFORMATION: One or more of the three sets of valine residues, represented as
; OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 7
; OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
; OTHER INFORMATION: or all Lys.
US-10-301-488A-55

```

```

Query Match      43.9%; Score 267.5; DB 14; Length 140;
Best Local Similarity 54.5%; Pred. No. 3.5e-17;
Matches 60; Conservative 10; Mismatches 37; Indels 3; Gaps 1;

QY      1 MDVFKGFSIAKKGVAVGVEKTKGVTGAETKRGVMYVGAKTKENVQSVTSVAEKK 60
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db      1 MDVFMKGLSFAKEGVAAAEKTKGVAEAGKTKGKGLYKSKTKGKXHXGATVAEKK 60
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

QY      61 EQANAVSKAVVSSVNTVATKTVAEENIAVTSGVREKDL--RPSAPQ 107
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db      61 EQVTNNGAXXTGXTVAQKTVEGAGSIAATGTFVKKDKLGKNEGAPQE 110
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

```

Search completed: May 20, 2004, 14:46:52
 Job time : 45 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: May 20, 2004, 14:44:04 ; Search time 23 Seconds
(without alignments)
285.065 Million cell updates/sec

Title: US-09-017-715A-2

Perfect score: 127
Sequence: 1 MDVFKKGSIAKKGVAVGAEK...EGEASKKEEVAEQAQSGD 127

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 369414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
- 2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
- 3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
- 4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
- 5: /cgn2_6/ptodata/2/1aa/PCITUS_COMB.pep:*
- 6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	127	100.0	127	US-08-705-771-12	Sequence 12, Appl
2	127	100.0	127	US-09-417-540-12	Sequence 12, Appl
3	18	14.2	54	US-09-621-976-4469	Sequence 4469, Ap
4	8	6.3	140	US-09-405-035-1	Sequence 1, Appl
5	8	6.3	140	US-09-405-035-2	Sequence 2, Appl
6	8	6.3	140	US-09-405-035-3	Sequence 3, Appl
7	8	6.3	140	US-09-405-035-4	Sequence 4, Appl
8	6.3	140	5	PCT-US94-09789-2	Sequence 2, Appl
9	7	5.5	80	US-09-543-681A-7619	Sequence 7619, Ap
10	7	5.5	120	US-09-107-532A-4305	Sequence 4305, Ap
11	7	5.5	137	US-09-107-532A-4305	Sequence 4048, Ap
12	7	5.5	151	US-08-166-195A-2	Sequence 2, Appl
13	7	5.5	151	US-08-436-772-2	Sequence 2, Appl
14	7	5.5	151	US-08-436-883B-2	Sequence 2, Appl
15	7	5.5	170	US-09-242-299-2	Sequence 2, Appl
16	7	5.5	279	US-09-107-532A-6807	Sequence 6807, Ap
17	7	5.5	285	US-09-543-681A-6168	Sequence 6168, Ap
18	7	5.5	293	US-08-845-258-33	Sequence 33, Appl
19	7	5.5	293	US-08-990-571-33	Sequence 33, Appl
20	7	5.5	293	US-08-723-142A-33	Sequence 33, Appl
21	7	5.5	293	US-09-528-764A-33	Sequence 33, Appl
22	7	5.5	293	US-09-569-098A-33	Sequence 33, Appl
23	7	5.5	312	US-09-134-000C-6207	Sequence 6207, Ap
24	7	5.5	357	US-09-107-532A-5132	Sequence 5132, Ap
25	7	5.5	441	US-08-764-870-9	Sequence 9, Appl
26	7	5.5	441	US-08-980-115-9	Sequence 9, Appl
27	7	5.5	441	US-09-976-594-1000	Sequence 1000, Ap

28	7	5.5	497	4	US-09-252-991A-22660	Sequence 22660, A
29	7	5.5	571	4	US-09-134-000C-5368	Sequence 5368, Ap
30	7	5.5	740	4	US-09-107-532A-7211	Sequence 7211, Ap
31	7	5.5	1580	2	US-08-804-227C-11	Sequence 11, Appl
32	7	5.5	1580	2	US-08-804-198-5	Sequence 5, Appl
33	7	5.5	1891	2	US-08-804-227C-12	Sequence 12, Appl
34	7	5.5	1891	2	US-08-804-198-6	Sequence 6, Appl
35	6	4.7	8	2	US-08-934-222-143	Sequence 143, App
36	6	4.7	8	2	US-08-933-402-143	Sequence 143, App
37	6	4.7	8	2	US-09-207-621-143	Sequence 143, App
38	6	4.7	8	2	US-08-532-818-143	Sequence 143, App
39	6	4.7	8	3	US-09-231-797-143	Sequence 143, App
40	6	4.7	8	3	US-08-934-224-143	Sequence 143, App
41	6	4.7	8	3	US-08-933-843-143	Sequence 143, App
42	6	4.7	8	3	US-08-934-223-143	Sequence 143, App
43	6	4.7	8	3	US-09-413-492-143	Sequence 143, App
44	6	4.7	19	3	US-08-906-156A-77	Sequence 77, Appl
45	6	4.7	20	3	US-08-695-301A-37	Sequence 37, Appl

ALIGNMENTS

RESULT 1
US-08-705-771-12
Sequence 12, Application US/08705771
Patent No. 6054289
GENERAL INFORMATION:
APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
APPLICANT: Jian Ni and Jing-Shan Hu
TITLE OF INVENTION: Human Genes, Sequences and
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08705,771
FILING DATE: August 30, 1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33, 073
REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1744
TELEFAX: 973-994-1700
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-705-771-12
Query Match 100.0%; Score 127; DB 3; Length 127;
Best Local Similarity 100.0%; Pred. No. 1.9e-116; Indels 0; Gaps 0;
Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDVFKKGSIAKKGVAVGAEKTKGVMYVGAKTKENVVQSVTAETK 60
DB 1 MDVFKKGSIAKKGVAVGAEKTKGVMYVGAKTKENVVQSVTAETK 60

QY 61 EOANAVSKAVSSVNTVATKTYEAEENIAVTSQVRKEDLRPSAPOEGEASKEKEVAE 120
 DB 61 EOANAVSKAVSSVNTVATKTYEAEENIAVTSQVRKEDLRPSAPOEGEASKEKEVAE 120
 QY 121 EAOSGGD 127
 DB 121 EAOSGGD 127

RESULT 2

US-09-417-540-12
 Sequence 12, Application US/09417540
 Patent No. 6639052

GENERAL INFORMATION:

APPLICANT: Paul Moore, Reiner Gertz, Hongjin Ji,
 Jian Ni and Jing-Shan Hu
 TITLE OF INVENTION: Human Genes, Sequences and
 Expression Products

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 CECCHI, STEWART & OLSTEIN

STREET: 6 BECKER FARM ROAD

CITY: ROSELAND

STATE: NEW JERSEY

COUNTRY: USA

ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE

COMPUTER: IBM PS/2

OPERATING SYSTEM: MS-DOS

SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/417,540

FILING DATE: 14-Oct-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/705,771

FILING DATE: August 30, 1996

ATTORNEY/AGENT INFORMATION:

NAME: MULLINS, J.G.

REGISTRATION NUMBER: 33,073

REFERENCE/DOCKET NUMBER: 325800-346 (PFI96)

TELECOMMUNICATION INFORMATION:

TELEPHONE: 973-994-1700

TELEFAX: 973-994-1744

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 127 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 12:

US-09-417-540-12

Query Match

Best Local Similarity 100.0%; Score 127; DB 4; Length 127;

Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVFKKGFSIAKGVGAVKTKQGVTEAEKTEKGVYVGAATKENVSVTSVAEKT 60

DB 1 MDVFKKGFSIAKGVGAVKTKQGVTEAEKTEKGVYVGAATKENVSVTSVAEKT 60

QY 61 EOANAVSKAVSSVNTVATKTYEAEENIAVTSQVRKEDLRPSAPOEGEASKEKEVAE 120

DB 61 EOANAVSKAVSSVNTVATKTYEAEENIAVTSQVRKEDLRPSAPOEGEASKEKEVAE 120

QY 121 EAOSGGD 127

DB 121 EAOSGGD 127

RESULT 3

US-09-621-976-4469
 Sequence 4469, Application US/09621976
 Patent No. 6639063

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Jobert, S.

APPLICANT: Giordano, J.Y.

TITLE OF INVENTION: ESTs and Encoded Human Proteins.

FILE REFERENCE: GENSET.054PR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SOFTWARE: Patent.pm

SEQ ID NO 4469

LENGTH: 54

TYPE: PRT

ORGANISM: Homo sapiens

US-09-621-976-4469

Query Match

Best Local Similarity 100.0%; Score 18; DB 4; Length 54;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 EKTQGVTEAEKTEKGV 37

DB 20 EKTQGVTEAEKTEKGV 37

RESULT 4

US-09-405-035-1

Sequence 1, Application US/09405035
 Patent No. 6184351

GENERAL INFORMATION:

APPLICANT: Biere, Anja Leona

APPLICANT: Clifton, Martin

TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE

FILE REFERENCE: A-565

CURRENT APPLICATION NUMBER: US/09/405,035

CURRENT FILING DATE: 1999-09-24

EARLIER APPLICATION NUMBER: 60/101,862

EARLIER FILING DATE: 1998-09-25

NUMBER OF SEQ ID NOS: 6

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1

LENGTH: 140

TYPE: PRT

ORGANISM: ADULT HUMAN BRAIN

US-09-405-035-1

Query Match

Best Local Similarity 100.0%; Score 8; DB 3; Length 140;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62

DB 55 VAEKTEQ 62

RESULT 5

US-09-405-035-2

Sequence 2, Application US/09405035
 Patent No. 6184351

GENERAL INFORMATION:

APPLICANT: Biere, Anja Leona

APPLICANT: Clifton, Martin

TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE

FILE REFERENCE: A-565

CURRENT APPLICATION NUMBER: US/09/405,035

CURRENT FILING DATE: 1999-09-24

EARLIER APPLICATION NUMBER: 60/101,862

EARLIER FILING DATE: 1998-09-25

NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 140
TYPE: PRT
ORGANISM: ADULT HUMAN BRAIN
US-09-405-035-2

Query Match 6.3%; Score 8; DB 3; Length 140;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

RESULT 6
US-09-405-035-3
Sequence 3, Application US/09405035
Patent No. 6184351

GENERAL INFORMATION:
APPLICANT: Biere, Anja Leona
APPLICANT: Citron, Martin
TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
FILE REFERENCE: A-565
CURRENT APPLICATION NUMBER: US/09/405,035
CURRENT FILING DATE: 1999-09-24
EARLIER APPLICATION NUMBER: 60/101,862
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 140
TYPE: PRT
ORGANISM: ADULT HUMAN BRAIN
US-09-405-035-3

Query Match 6.3%; Score 8; DB 3; Length 140;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

RESULT 7
US-09-405-035-4
Sequence 4, Application US/09405035
Patent No. 6184351
GENERAL INFORMATION:
APPLICANT: Biere, Anja Leona
APPLICANT: Citron, Martin
TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
FILE REFERENCE: A-565
CURRENT APPLICATION NUMBER: US/09/405,035
CURRENT FILING DATE: 1999-09-24
EARLIER APPLICATION NUMBER: 60/101,862
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 140
TYPE: PRT
ORGANISM: ADULT HUMAN BRAIN
US-09-405-035-4

Query Match 6.3%; Score 8; DB 3; Length 140;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

RESULT 8
PCT-US94-09789-2
Sequence 2, Application PC/TUS9409789
GENERAL INFORMATION:

APPLICANT: The Regents of the University of California
TITLE OF INVENTION: NOVEL COMPONENT OF AMYLOID IN
TITLE OF INVENTION: ALZHEIMER'S DISEASE AND METHODS FOR USE OF SAME
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Judas & Lubitz
STREET: 1880 Century Park East - Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09789
FILING DATE: 29-AUG-1994
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Howells, Stacy L.
REGISTRATION NUMBER: 34,842
REFERENCE/DOCKET NUMBER: FD-3520
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 140 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
IMMEDIATE SOURCE:
CLONE: NACP
FEATURE:

NAME/KEY: Protein
LOCATION: 1..140
PCT-US94-09789-2

Query Match 6.3%; Score 8; DB 5; Length 140;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

RESULT 9
US-09-543-681A-7619
Sequence 7619, Application US/09543681A
Patent No. 6605709
GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 8344
 SEQ ID NO: 7619
 LENGTH: 80
 TYPE: PRT
 ORGANISM: Proteus mirabilis
 US-09-543-681A-7619

Query Match 5.5%; Score 7; DB 4; Length 80;
 Best Local Similarity 100.0%; Pred. No. 15;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 90 VTSQVVR 96
 |||||
 DB 56 VTSQVVR 62

RESULT 10
 US-09-107-532A-4305
 Sequence 4305, Application US/09107532A
 Patent No. 6583275
 GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02354

COMPUTER READABLE FORM:
 MEDIUM TYPE: CD-ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Arinello, Pamela Deneka
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 4305:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 120 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1...120
 SEQUENCE DESCRIPTION: SEQ ID NO: 4305:

US-09-107-532A-4305

Query Match 5.5%; Score 7; DB 4; Length 120;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 111 ASKEKEE 117
 |||||

DB 10 ASKEKEE 16

RESULT 11
 US-09-107-532A-4048
 Sequence 4048, Application US/09107532A
 Patent No. 6583275
 GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02354

COMPUTER READABLE FORM:
 MEDIUM TYPE: CD-ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Arinello, Pamela Deneka
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 4048:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 137 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1...137
 SEQUENCE DESCRIPTION: SEQ ID NO: 4048:

US-09-107-532A-4048

Query Match 5.5%; Score 7; DB 4; Length 137;
 Best Local Similarity 100.0%; Pred. No. 24;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 77 VAKTIVE 83
 |||||
 DB 91 VAKTIVE 97

RESULT 12
 US-08-166-195A-2
 Sequence 2, Application US/08166195A
 Patent No. 5480799
 GENERAL INFORMATION:
 APPLICANT: O'Rand, Michael G.
 APPLICANT: Widgren, Esther E.
 APPLICANT: Richardson, Richard T.
 APPLICANT: Lee, Isobel
 TITLE OF INVENTION: Sperm Antigen Corresponding to a

TITLE OF INVENTION: Sperm Zona Binding Protein Autoantigenic Epitope
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: P.O. Box 34009
CITY: Charlotte
STATE: No. 5480799th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/166,195A
FILING DATE: 10 DEC 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5470/73
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-166-195A-2

Query Match 5.5%; Score 7; DB 1; Length 151;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 KEKEEVA 119
111 KEKEEVA 117

RESULT 13
US-08-436-772-2
Sequence 2, Application US/08436772
Patent No. 5814456
GENERAL INFORMATION:
APPLICANT: O'Rand, Michael G.
APPLICANT: Widgren, Esther E.
APPLICANT: Richardson, Richard T.
APPLICANT: Lea, Isabel
TITLE OF INVENTION: Sperm Antigen Corresponding to a Sperm
TITLE OF INVENTION: Zona Binding Protein Autoantigenic Epitope
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: P.O. Box 34009
CITY: Charlotte
STATE: No. 5814456th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,772
FILING DATE: 08-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665

REFERENCE/DOCKET NUMBER: 5470-73B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-436-772-2

Query Match 5.5%; Score 7; DB 2; Length 151;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 KEKEEVA 119
111 KEKEEVA 117

RESULT 14
US-08-436-883B-2
Sequence 2, Application US/08436883B
Patent No. 5820861
GENERAL INFORMATION:
APPLICANT: O'Rand, Michael G.
APPLICANT: Widgren, Esther E.
APPLICANT: Richardson, Richard T.
APPLICANT: Lea, Isabel
TITLE OF INVENTION: Sperm Antigen Corresponding to a Sperm
TITLE OF INVENTION: Zona Binding Protein Autoantigenic Epitope
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: P.O. Box 34009
CITY: Charlotte
STATE: No. 5820861th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,883B
FILING DATE: 08-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5470-73C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-436-883B-2

Query Match 5.5%; Score 7; DB 2; Length 151;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 KEKEEVA 119
111 KEKEEVA 117

RESULT 15

US-09-242-299-2

; Sequence 2, Application US/09242299

; Patent No. 6610301

; GENERAL INFORMATION:

; APPLICANT: Motz, Manfred

; APPLICANT: Sautscheck, Erwin

; TITLE OF INVENTION: Immunologically active proteins from Borrelia burgdorferi, nucle

; TITLE OF INVENTION: acids which encode them, and their use in test kits and as vaccin

; FILE REFERENCE: 738.005US1

; CURRENT APPLICATION NUMBER: US/09/242,299

; CURRENT FILING DATE: 1999-02-12

; PRIOR APPLICATION NUMBER: PCT/EP97/04215

; PRIOR FILING DATE: 1997-08-01

; PRIOR APPLICATION NUMBER: DE 19632862.4

; PRIOR FILING DATE: 1996-08-14

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 2

; LENGTH: 170

; TYPE: PRT

; ORGANISM: Borrelia burgdorferi

US-09-242-299-2

Query Match 5.5%; Score 7; DB 4; Length 170;

Best Local Similarity 100.0%; Pred. No. 29;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 79 TKTVEEA 85

Db 129 TKTVEEA 135

Search completed: May 20, 2004, 14:47:28

Job time : 24 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: May 20, 2004, 14:45:59 ; Search time 44 Seconds
(without alignments)
805.069 Million cell updates/sec

Title: US-09-017-715A-2

Perfect score: 127
Sequence: 1 MDVKKRGSIRAKGVGAVR.....EGEASKEKEVAERAGSGD 127

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 1149313 seqs, 278921704 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1149313

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/1/pubpaa/ECT_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
- 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	127	100.0	127	15	US-10-453-478-12
2	59	46.5	163	12	US-09-925-298-589
3	54	46.5	163	14	US-10-102-806-589
4	54	46.5	127	14	US-10-097-340-298
5	17	13.4	32	14	US-10-223-978-3
6	8	6.3	138	14	US-10-077-584-2
7	8	6.3	140	9	US-09-904-987-4
8	8	6.3	140	12	US-10-112-944-255
9	8	6.3	140	13	US-10-039-413-1
10	8	6.3	140	13	US-10-039-413-2
11	8	6.3	140	13	US-10-039-413-3
12	8	6.3	140	13	US-10-039-413-4
13	8	6.3	140	14	US-10-301-488A-54
14	8	6.3	140	14	US-10-301-488A-55
15	8	6.3	140	15	US-10-445-366-17

16	8	6.3	143	12	US-10-424-599-148905
17	8	6.3	367	14	US-10-223-978-7
18	8	6.3	381	12	US-10-369-993-3484
19	8	6.3	793	15	US-10-282-122A-60438
20	8	6.3	910	12	US-10-425-114-54499
21	7	5.5	30	9	US-09-864-761-47813
22	7	5.5	47	9	US-09-864-761-45900
23	7	5.5	72	12	US-10-424-599-234616
24	7	5.5	79	12	US-10-282-122A-68458
25	7	5.5	95	12	US-10-425-114-37600
26	7	5.5	134	12	US-10-424-599-171309
27	7	5.5	165	12	US-10-424-599-280189
28	7	5.5	170	14	US-10-403-220-2
29	7	5.5	202	12	US-10-424-599-259159
30	7	5.5	205	12	US-10-282-122A-53716
31	7	5.5	211	12	US-10-424-599-250133
32	7	5.5	293	9	US-09-737-178-33
33	7	5.5	293	9	US-09-286-488-33
34	7	5.5	293	10	US-09-853-079-33
35	7	5.5	293	16	US-10-294-443-23
36	7	5.5	293	16	US-10-294-443-225
37	7	5.5	305	12	US-10-424-599-233089
38	7	5.5	325	12	US-10-424-599-232458
39	7	5.5	362	12	US-10-282-122A-53755
40	7	5.5	416	12	US-10-425-114-69002
41	7	5.5	569	9	US-09-815-242-10503
42	7	5.5	578	12	US-10-425-114-55229
43	7	5.5	740	12	US-10-282-122A-57981
44	7	5.5	1133	15	US-10-369-493-1423
45	7	5.5	1383	14	US-10-021-955-82

ALIGNMENTS

RESULT 1
US-10-453-478-12
Sequence 12, Application US/10453478
Publication No. US20030208043A1
GENERAL INFORMATION:
APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
Jian Ni and Jing-Shan Hu
TITLE OF INVENTION: Human Genes, Sequences and
Expression Products
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSES: CARILLA, BYRNE, BAIN, GILFILLAN,
CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/453,478
FILING DATE: 04-Jun-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/705,771
FILING DATE: August 30, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MILLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-346 (PP196)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1700
TELEFAX: 973-994-1744
INFORMATION FOR SEQ ID NO: 12:

Sequence 148905,
Sequence 7, Appli
Sequence 3484, Ap
Sequence 60438, A
Sequence 54499, A
Sequence 47813, A
Sequence 45900, A
Sequence 234616,
Sequence 68458, A
Sequence 37600, A
Sequence 171309,
Sequence 280189,
Sequence 2, Appli
Sequence 259159,
Sequence 53716, A
Sequence 250133,
Sequence 33, Appl
Sequence 33, Appl
Sequence 33, Appl
Sequence 225, App
Sequence 233089,
Sequence 232458,
Sequence 53755, A
Sequence 69002, A
Sequence 10503, A
Sequence 55229, A
Sequence 57981, A
Sequence 1423, Ap
Sequence 82, Appl

SEQUENCE CHARACTERISTICS:
LENGTH: 127 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-453-478-12

Query Match 100.0%; Score 127; DB 15; Length 127;
Best Local Similarity 100.0%; Pred. No. 5,2e-112;
Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGVFKGFSIAKGVGAVGAEKTKGQGTAEKTKGEGWVGAKTENVVOSTVSAEKKK 60
DB 1 MGVFKGFSIAKGVGAVGAEKTKGQGTAEKTKGEGWVGAKTENVVOSTVSAEKKK 60
QY 61 EQANNSKAVSVSVTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
DB 61 EQANNSKAVSVSVTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAE 120
QY 121 EAQSGGD 127
DB 121 EAQSGGD 127

RESULT 2
US-09-925-298-589
Sequence 589, Application US/09925298
Publication No. US20020039764A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA103
CURRENT APPLICATION NUMBER: US/09/925,298
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 589
LENGTH: 163
TYPE: PRT
ORGANISM: Homo sapiens
US-09-925-298-589

Query Match 46.5%; Score 59; DB 12; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.1e-47;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 69 AVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAEQAQSGD 127
DB 105 AVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAEQAQSGD 163

RESULT 3
US-10-102-806-589
Sequence 589, Application US/10102806
Publication No. US20030054421A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA103P1C1
CURRENT APPLICATION NUMBER: US/10/102,806
CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/925,298
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 589
LENGTH: 163
TYPE: PRT
ORGANISM: Homo sapiens
US-10-102-806-589

Query Match 46.5%; Score 59; DB 14; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.1e-47;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 69 AVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAEQAQSGD 127
DB 105 AVSSVNTVATKTVEAEENIAVTSGVVRKEDLRPSAPQOEGEASKEKEVAEQAQSGD 163

RESULT 4
US-10-097-340-298
Sequence 298, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John MONAHAN
APPLICANT: Manjula GANNAVARAPU
APPLICANT: Sebastian HOERSCH
APPLICANT: Shubhangi KAMATKAR
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
APPLICANT: Michael MORRISSEY
APPLICANT: Peter OLANDT
APPLICANT: Ami SEN
APPLICANT: Gordon B. MILLS
APPLICANT: Robert C. BAST, Jr.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xumei ZHAO
APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 298
LENGTH: 127
TYPE: PRT
ORGANISM: Homo sapiens
US-10-097-340-298

Query Match 42.5%; Score 54; DB 14; Length 127;
Best Local Similarity 100.0%; Pred. No. 4.6e-43;
Matches 54; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 GVGAVGKTKGQGTAEKTKGEGWVGAKTENVVOSTVSAEKKKEQANNS 67
DB 14 GVGAVGKTKGQGTAEKTKGEGWVGAKTENVVOSTVSAEKKKEQANNS 67

RESULT 5
US-10-223-978-3
; Sequence 3, Application US/10223978
; Publication No. US20030125522A1
; GENERAL INFORMATION:
; APPLICANT: Aegen Co., Ltd.
; APPLICANT: Kim, Jong-Sun
; TITLE OF INVENTION: No. US20030125522A1el Peptides Conferring Environmental Stress Re
; TITLE OF INVENTION: Proteins Including Said Peptides
; FILE REFERENCE: 59520-00003
; CURRENT APPLICATION NUMBER: US/10/223,978
; CURRENT FILING DATE: 2002-08-20
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(32)
; OTHER INFORMATION: Acidic tail amino acid sequence 96-127 of gamma-synuclein
US-10-223-978-3

Query Match 13.4%; Score 17; DB 14; Length 32;
Best Local Similarity 100.0%; Pred. No. 1.1e-08;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 111 ASKEKEVAEAEQSGD 127
DB 16 ASKEKEVAEAEQSGD 32

RESULT 6
US-10-077-584-2
; Sequence 2, Application US/10077584
; Publication No. US20030073610A1
; GENERAL INFORMATION:
; APPLICANT: LINDQUIST, SUSAN
; APPLICANT: KROBITSCH, SYLVIA
; APPLICANT: OUTEIRO, TIAGO F.
; TITLE OF INVENTION: YEAST SCREENS FOR THE TREATMENT OF HUMAN DISEASE
; FILE REFERENCE: ARCD:367US
; CURRENT APPLICATION NUMBER: US/10/077,584
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/269,157
; PRIOR FILING DATE: 2001-02-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-077-584-2

Query Match 6.3%; Score 8; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTKEQ 62
DB 55 VAEKTKEQ 62

RESULT 7
US-09-904-987-4
; Sequence 4, Application US/09904987
; Patent No. US20020037908A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020037908A1actyl, Inc.
; TITLE OF INVENTION: Methods and Compositions for Controlling Pathological and Prepath
; TITLE OF INVENTION: Protein Assembly or Aggregation
; FILE REFERENCE: 42108/26146

CURRENT APPLICATION NUMBER: US/09/904,987
; CURRENT FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 140
; TYPE: PRT
; ORGANISM: homo sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: NCBI ENTREZ / XM_003494
; DATABASE ENTRY DATE: 2001-04-16
; RELEVANT RESIDUES: (1)..(140)
US-09-904-987-4

Query Match 6.3%; Score 8; DB 9; Length 140;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTKEQ 62
DB 55 VAEKTKEQ 62

RESULT 8
US-10-112-944-255
; Sequence 255, Application US/10112944
; Publication No. US20040048249A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Yang, Yonghong
; APPLICANT: Meng, Gezhi
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyun
; APPLICANT: Xue, Aidong J.
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Wehrman, Tom
; APPLICANT: Ghosh, Malabika
; APPLICANT: Wang, Dunrui
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wang, Zhiwei
; TITLE OF INVENTION: No. US20040048249A1el Nucleic Acids and
; TITLE OF INVENTION: Secreted Polypeptides
; FILE REFERENCE: 805A
; CURRENT APPLICATION NUMBER: US/10/112,944
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US 09/491,404
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: US 09/496,914
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: US 09/515,126
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/519,705
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 09/552,929
; PRIOR FILING DATE: 2000-04-18
; PRIOR APPLICATION NUMBER: US 09/577,408
; PRIOR FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 924
; SOFTWARE: pc_fl_genes Version 5.0
; SEQ ID NO 255
; LENGTH: 140
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-944-255

Query Match 6.3%; Score 8; DB 12; Length 140;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
 DB 55 VAEKTEQ 62

RESULT 9
 US-10-039-413-1
 ; Sequence 1, Application US/10039413
 ; Publication No. US20020152480A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Biere, Anja-Leona
 ; APPLICANT: Citron, Martin
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
 ; FILE REFERENCE: A-565
 ; CURRENT APPLICATION NUMBER: US/10/039,413
 ; CURRENT FILING DATE: 2002-01-04
 ; PRIOR APPLICATION NUMBER: 60/101,862
 ; PRIOR FILING DATE: 1998-09-25
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 140
 ; TYPE: PRT
 ; ORGANISM: ADULT HUMAN BRAIN
 US-10-039-413-1

Query Match 6.3%; Score 8; DB 13; Length 140;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
 DB 55 VAEKTEQ 62

RESULT 10
 US-10-039-413-2
 ; Sequence 2, Application US/10039413
 ; Publication No. US20020152480A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Biere, Anja-Leona
 ; APPLICANT: Citron, Martin
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
 ; FILE REFERENCE: A-565
 ; CURRENT APPLICATION NUMBER: US/10/039,413
 ; CURRENT FILING DATE: 2002-01-04
 ; PRIOR APPLICATION NUMBER: 60/101,862
 ; PRIOR FILING DATE: 1998-09-25
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 2
 ; LENGTH: 140
 ; TYPE: PRT
 ; ORGANISM: ADULT HUMAN BRAIN
 US-10-039-413-2

Query Match 6.3%; Score 8; DB 13; Length 140;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
 DB 55 VAEKTEQ 62

RESULT 11
 US-10-039-413-3
 ; Sequence 3, Application US/10039413
 ; Publication No. US20020152480A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Biere, Anja-Leona

APPLICANT: Citron, Martin
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
 ; FILE REFERENCE: A-565
 ; CURRENT APPLICATION NUMBER: US/10/039,413
 ; CURRENT FILING DATE: 2002-01-04
 ; PRIOR APPLICATION NUMBER: 60/101,862
 ; PRIOR FILING DATE: 1998-09-25
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 140
 ; TYPE: PRT
 ; ORGANISM: ADULT HUMAN BRAIN
 US-10-039-413-3

Query Match 6.3%; Score 8; DB 13; Length 140;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
 DB 55 VAEKTEQ 62

RESULT 12
 US-10-039-413-4
 ; Sequence 4, Application US/10039413
 ; Publication No. US20020152480A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Biere, Anja-Leona
 ; APPLICANT: Citron, Martin
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN SUPER-MUTANTS ACCELERATE
 ; FILE REFERENCE: A-565
 ; CURRENT APPLICATION NUMBER: US/10/039,413
 ; CURRENT FILING DATE: 2002-01-04
 ; PRIOR APPLICATION NUMBER: 60/101,862
 ; PRIOR FILING DATE: 1998-09-25
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 4
 ; LENGTH: 140
 ; TYPE: PRT
 ; ORGANISM: ADULT HUMAN BRAIN
 US-10-039-413-4

Query Match 6.3%; Score 8; DB 13; Length 140;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 VAEKTEQ 62
 DB 55 VAEKTEQ 62

RESULT 13
 US-10-301-488A-54
 ; Sequence 54, Application US/10301488A
 ; Publication No. US2003016558A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FRANGIONE, Blae
 ; APPLICANT: WISNIEWSKI, Thomas
 ; APPLICANT: SIGURDSSON, Einar
 ; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
 ; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
 ; FILE REFERENCE: 5986/1K434US1
 ; CURRENT APPLICATION NUMBER: US/10/301,488A
 ; CURRENT FILING DATE: 2002-11-21
 ; PRIOR APPLICATION NUMBER: US 60/331,801
 ; PRIOR FILING DATE: 2001-11-21

NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 54
LENGTH: 140
TYPE: PRT
ORGANISM: Homo sapiens
US-10-301-488A-54

Query Match
Best Local Similarity 6.3%; Score 8; DB 14; Length 140;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

RESULT 14
US-10-301-488A-55
Sequence 55, Application US/10301488A
Publication No. US20030166558A1
GENERAL INFORMATION:
APPLICANT: FRANGIONE, Blas
APPLICANT: WISNIEWSKI, Thomas
APPLICANT: SIGURDSSON, Einar
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
FILE REFERENCE: 5986/LK434US1
CURRENT APPLICATION NUMBER: US/10/301,488A
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 60/331,801
PRIOR FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 55
LENGTH: 140
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic
FEATURE:
NAME/KEY: misc feature
LOCATION: (37)..(37)
OTHER INFORMATION: One or more of the three sets of valine residues, represented as
OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70,
OTHER INFORMATION: 71, and 74, can be substituted with either all Glu, all Asp, all
OTHER INFORMATION: Pro, or all Lys.
FEATURE:
NAME/KEY: misc feature
LOCATION: (40)..(40)
OTHER INFORMATION: One or more of the three sets of valine residues, represented as
OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70,
OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
OTHER INFORMATION: or all Lys.
FEATURE:
NAME/KEY: misc feature
LOCATION: (48)..(49)
OTHER INFORMATION: One or more of the three sets of valine residues, represented as
OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70,
OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
OTHER INFORMATION: or all Lys.
FEATURE:
NAME/KEY: misc feature
LOCATION: (52)..(52)
OTHER INFORMATION: One or more of the three sets of valine residues, represented as
OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70,
OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
OTHER INFORMATION: or all Lys.
FEATURE:
NAME/KEY: misc feature
LOCATION: (70)..(71)

OTHER INFORMATION: One or more of the three sets of valine residues, represented as
OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 71
OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
OTHER INFORMATION: or all Lys.
FEATURE:
NAME/KEY: misc feature
LOCATION: (74)..(74)
OTHER INFORMATION: One or more of the three sets of valine residues, represented as
OTHER INFORMATION: Xaa residue sets (1) 37 and 40; (2) 48, 49, and 52; and (3) 70, 71
OTHER INFORMATION: and 74, can be substituted with either all Glu, all Asp, all Pro,
OTHER INFORMATION: or all Lys.
US-10-301-488A-55

Query Match
Best Local Similarity 6.3%; Score 8; DB 14; Length 140;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

RESULT 15
US-10-445-366-17
Sequence 17, Application US/10445366
Publication No. US20040014142A1
GENERAL INFORMATION:
APPLICANT: Vanmechelen, Eugene
APPLICANT: Vanderstichele, Hugo
APPLICANT: Van De Voorde, Andre
TITLE OF INVENTION: Differential Diagnosis of Neurodegeneration
FILE REFERENCE: 11362.0029.DVUS01 (INNS029--1)
CURRENT APPLICATION NUMBER: US/10/445,366
CURRENT FILING DATE: 2003-05-22
PRIOR APPLICATION NUMBER: US 09/720,707
PRIOR FILING DATE: 2000-12-29
PRIOR APPLICATION NUMBER: PCT/EP 99/04483
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 98870148-8
PRIOR FILING DATE: 1998-07-03
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.2
SEQ ID NO 17
LENGTH: 140
TYPE: PRT
ORGANISM: Homo sapiens
US-10-445-366-17

Query Match
Best Local Similarity 6.3%; Score 8; DB 15; Length 140;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 55 VAEKTEQ 62
DB 55 VAEKTEQ 62

Search completed: May 20, 2004, 14:52:13
Job time : 44 sec

This Page Blank (uspio)